



**TEEGALA KRISHNA REDDY ENGINEERING COLLEGE
(AUTONOMOUS)**

**Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A
Grade**

Meerpet, Medbowli, Hyderabad – 500097, Telangana, India

Mandatory Disclosure

1. Name of the Institution

Teegala Krishna Reddy Engineering College

Meerpet, Medbowli – 500097, Hyderabad, Telangana, India

Telephone: 9100377790

Principal Office: 8498085218

Email: tkrec@rediffmail.com

2. Name and address of the Trust/ Society/ Company and the Trustees

TKR Educational Society

Meerpet, Medbowli – 500097, Hyderabad, Telangana, India

Telephone: 9100377792

Mobile: 8498085218

Email: infotkrec@gmail.com

3. Name and Address of the Principal

Dr.K.Venkata Murali Mohan

Meerpet, Medbowli – 500097, Hyderabad, Telangana, India

Telephone: 9100377792

Mobile: 9393959597

Email:principal@tkrec.ac.in

4. Name of the affiliating University

Jawaharlal Nehru Technological University, Hyderabad

5. Governance

Members of the Board and their brief background

**The Following are the members of Governing Body of Teegala Krishna Reddy
Engineering College:**

- 1. Sri Teegala Krishna Reddy, Chairman, Teegala Krishna Reddy Engineering College**
- 2. Dr.Teegala Harinath Reddy,Secretary,Teegala Krishna Reddy Engineering college**
- 3. Sri. Teegala Amarnath Reddy Treasurer, Teegala Krishna Reddy Engineering college**

4. **Prof. Atul M Gosai**, UGC Nominee
5. **S. Bhavani**, State Govt. Nominee – Principal (GPWM), Govt of Telangana/SBET
6. **Prof. P. Chandra Shekhar Reddy**, JNTUH Nominee
7. **Mr. B. V. Ravi Kumar**, Scientist F RCI-DRDO Industry Expert
8. **Dr. D. V. Ravi Shankar**, Academician – TKRCET, Hyderabad
9. **Dr. K. V. Murali Mohan, Principal**, Teegala Krishna Reddy Engineering College, Hyderabad.
10. **Dr. K. M. V. Madan Kumar**, Vice Principal, Teegala Krishna Reddy Engineering College, Hyderabad

The Details of Governing Body and Members are available at: <https://tkrec.ac.in/governingbody/>

6. Members of Academic Advisory Body

The Following are the members of Academic Advisory Body members of Teegala Krishna Reddy Engineering College:


1. **Dr. K. V. Murali Mohan** Principal & Professor of ECE, Teegala Krishna Reddy Engineering College
2. **Dr. K. M. V. Madan Kumar** Dean Academics & Vice Principal and Professor of CSE, Teegala Krishna Reddy Engineering college
3. **Dr. K. Venkata Ramana Reddy** Professor of chemistry, Director of Admissions, JNTUH, Hyderabad.
4. **Prof. M. Manzoor Hussain**, Professor of ME, Registrar JNTUH, Hyderabad.
5. **Dr. D. Srinivasa Rao**, Professor of ECE & Director of UAAC – JNTUH, Hyderabad.

Frequently of the Board Meeting and Academic Advisory Body


The Governing Body meets at least twice in an Academic Year. Academic Advisory Body meets at least once in an Academic Year.

Organizational chart and processes

Organization Chart is shown at: <https://tkrec.ac.in/mandatory-disclosure/>



TEEGALA KRISHNA REDDY ENGINEERING COLLEGE
(UGC-Autonomous)
 (Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTUH)
 Accredited by NAAC- 'A' Grade. Accredited by NBA
 Medhawi, Meerpet, Balapur, Hyderabad, Telangana- 500097
 Mob: 8498085218. Email: info@tkrec.ac.in, www.tkrec.ac.in



College Code : R9



The college has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision. The Governing Body is the highest body of the college and it is supreme decision making body. The Governing Body of the college meets at least two times in a year. In the governing body several issues pertaining to various academic and administrative matters were taken up, discussed and appropriate decision would be taken keeping the student development as its central agenda. The Governing Body strongly feels that the students should accomplish their desired goals and thus makes all the efforts (right educational methods - outcome-based education, infrastructure, equipment and tools) to creating a student centric environment. It follows the guidelines laid by the apex bodies like UGC, AICTE and JNTUH and comply them with utmost sincerity. The Governing Body continuously monitors the strategic plan and make suitable advice/direction for the administration to execute the plan. In addition to the governing body, there are several statutory and other committees are in place to administer various activities related to academic, administrative and extension. Thus, the governance of the college is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the Institute so as to contribute and promote sustainable socioeconomic development through globally competitiveness. The directions / suggestions of the governing body are effectively carried to the next levels by the Principal as shown in the organization chart. Also, HODs, Deans, other In-charges present their proposals, recommendations, progress to the GB through the Principal for the information and necessary approvals from the GB.

Nature and Extent of involvement of Faculty and students in academic affairs / improvements

Regular meetings with Faculty, Students and other stakeholders are conducted to collect the feedback and suggestions on the existing academic matters. Valid Feedback and/or suggestion will be considered for amendments and/or modifications.

Mechanism/Norms and Procedure for democratic/good Governance

The management believes good governance is essential to run an effective system for the growth and development of an institution and enhancing its outcomes. The objective of this focus on decentralization of the governance and delegating responsibilities to various senior functionaries and heads of the departments. This objective promotes inclusiveness and participatory management style of functioning. As an integral part of the governance, the management delegated power (both administrative and academic activities) to the Principal and academic heads for smooth running of the institutional activities. The decentralization also helps the decision making with proper authority and financial power. Thus, decentralization has shown a significant impact on the policy making, planning, and management with reference to engineering education. The college includes

all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. At the same time, decentralization should be seen as a means of improving the efficiency of the system and its quality. There are several committees, both statutory and other, are in place to administer and effectively govern the institute.

The member of the Governing Body (GB) has responsibility for institutional performance. The chairman and members of the GB are actively engage themselves in the institute developmental activities. All of its decision and policies are made in the best interest of the institution with due consultations with the concerned stakeholders. This top-down approach of the GB not only motivates the stakeholders but also effectively helped the development of institute. The minutes of the governing body, other committees and academic activities are published on the college website as act of transparent governance. The information is also shared with the employees through various meetings and circulars from time to time. Achieving academic excellence requires that the all the responsible people work together with defined role, responsibility and authority. The college organization chart provides an insight into the overall structure and authority with responsibility of various administrators and their levels in the organization.

There are different active committees in the college which work constantly to uphold all round development of the students. The following are the few operational level decentralization of various activities in vogue in the institution: High Level Committees: The Governing Body and Statutory committees partake in the overall development and growth, policy decisions, financial and disciplinary issues. Middle Level Committees: Principal, Deans, COE, Associate Deans, and HODs partake in rules and regulations, academic development, curricular and co-curricular activities etc. Lower-Level Committees: Various committees constituted for purpose of monitoring the policies and rule and regulations of the institutes.

Student Feedback on Institutional Governance/ Faculty performance

Student Feedback is collected on the following

- i) Feedback on faculty**
- ii) Feedback on institutional governance and facilities**
- iii) Feedback on Teaching learning**

i) FEEDBACK ON FACULTY

Feedback on all courses will be collected through online from the students twice in a semester. The first feedback will be collected at the middle of the semester i.e., before first midterm examinations and the second will be collected at the end of the semester. During the first feedback a questionnaire consisting of 5 parameters is adopted and a 10 parameter questionnaire along with feedback on course outcomes is taken at the second feedback. Each parameter is measured based on the rating assigned to it i.e., 5 for Excellent, 4 for Very Good, 3 for Good, 2 for Fair and 1 for Poor. Each parameter average is measured by calculating the average number of students given against

each rating. Final feedback of a faculty is measured considering the average rating given against each parameter

Five Parameters used to collect the Feedback at the mid of the semester:

- a. Has the Instructor clearly stated the Learning Outcomes of the course?
- b. Was the class controlled and discipline maintained?
- c. How effective are the communication skills of the Faculty?
- d. Was the Instructor enthusiastic about teaching the class and invited questions and comments from students?
- e. Has the Instructor related course material to real life situations?

Ten parameters used to collect the feedback at the end of the semester:

- a. Was the class controlled and discipline maintained?
- b. How effective were the communication skills?
- c. Provides up-to-date information on the topic(s)?
- d. Did the faculty use real world examples and cases?
- e. Was the class interactive and doubts were clarified?
- f. How was the presentation style of the faculty?
- g. Encourages students to solve complex problems in the class?
- h. Makes objective and impartial evaluation of assessments?
- i. Sincerity and commitment towards academic work?
- j. Approachable after class hours for discussion and advice?

Student Participation Percentage:

On an average 80% of the students will be participating in the feedback process.

Feedback analysis Process and Corrective Measures:

The collected feedback will be analyzed based on the rating given against each parameter of evaluation. Based on the final average of the feedback, corrective measures are taken by:

1. Interacting HOD with the faculty to identify the reasons for not performing well.
2. Providing further guidance in the subject by available senior faculty / other faculty who taught the same subject.
3. Deputing faculty to FDPs if required.

Faculty who get better feedback will be rewarded by giving more weight age in faculty annual self appraisal for the consideration of the increment

ii) FEEDBACK ON FACILITIES

A standard procedure is adopted by TKREC for collecting feedback on facilities. The feedback on facilities like classrooms, laboratories, infrastructure, library, sports etc. are collected from students. Collected feedback is analyzed for identifying corrective actions to be

taken. On an average 80% of the students will be participating in the feedback process.

Parameters for collecting feedback on facilities:

1. Internet facility in the campus.
2. Access to the students and Wi-Fi connectivity.
3. Quality of computer labs in the department /college.
4. Quality and functioning of equipment in the department laboratories.
5. Helpfulness of labs personnel.
6. Overall staff responsiveness in the laboratories.
7. Quality of classrooms in terms of visibility of the board / adequacy of fans and lights in the class/ ventilation.
8. Use of technology in delivering the content.
9. Transport facility to students.
10. Quality of food in the college canteen.
11. Amenities in the hostel.
12. Drinking water facility in the college.
13. Cleanliness and Adequacy of toilets.
14. Games and sports facility.
15. Extra and co-curricular activities.
16. System of internal examination assessment and impartiality in awarding marks.
17. Ambiance of the college.
18. Quality of Training provided for placements.

FEEDBACK OF TEACHING LEARNING PROCESS

1. How well the teacher prepares for the class?
2. How well the teachers communicate?
3. How much of the syllabus is being covered by the end of the semester?
4. Was your performance in assignments and tests discussed with you by the concerned teacher?
5. TKREC takes active interest in promoting internship, student exchange, field visit opportunities for students.
6. The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.
7. Teachers are able to identify your weaknesses and help you to overcome them.
8. The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
9. The TKREC faculty use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.

10. Teachers encourage you to participate in extracurricular activities like games, sports, professional society activities.
11. What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching. The overall quality of teaching-learning process at TKREC is very good.

Grievance Redressal mechanism for faculty, staff and students

The college has grievances and redressal cell for the faculty, staff and students to address issues pertaining to facilities, teaching learning process, discrimination or any other related. There are separate cells for these wings which are headed by the principal, a senior faculty as convener and other senior faculty being the members. These Grievance Redressal committees are formed to look in to the complaints received from the aggrieved. A Complaint Boxes are provided at Office of Principal and in the departments for students and faculty to lodge their complaints separately. The convener of the committee will consolidate the complaints received from all the students, faculty and staff. This will be presented before the committee which meets regularly depending upon the need.

The committee recommends corrective measures to be taken and recorded in the register. Provision is also given to send the complaints to <https://tkrec.ac.in/committees/>

Establishment of Anti Ragging Committee

The institute has established Anti-Ragging Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 18th Meeting held on [Meeting held on 03-11-2020](#).

Establishment of Online Grievance Redressal Mechanism

The institute has Online Grievance Redressal facility. Any aggravated student can report issues through the college website: <https://tkrec.ac.in/complaint-cell/>

Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

The institute has established Grievances and Redressal Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body [Meeting held on 10-09-2020](#).

The affiliating university has appointed Dr. Jagannath Jetty, Professor of Geology (Retired), Osmania University as OMBUDSPERSON vide its Cir.No. UAAC/Student Grievance Redressal Committee/2020/1 dated 10-09-2020.

Establishment of Internal Complaint Committee (ICC)

The institute has established Internal Complaint Committee (ICC) as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body [Meeting held on 28-10-2021](#).

Establishment of Committee for SC/ST

The institute has established SC/ST Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body Meeting held on 28-10-2021.

Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) of the institution is a cell which continuously monitors the quality practices and ensures all the institutional academic policies thoroughly followed as prescribed by the apex bodies. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are obligatory to increase the quality of the education imparted in the college. The role of IQAC in maintaining quality standards in teaching-learning processes and evaluation becomes crucial. The IQAC Cell strategically ensures the quality of teaching-learning practices through stringent initiatives and measures taken such as Faculty Self-Appraisal, FDPs, and Training Programs for Non-Teaching, Workshops on OBE, Conference Educational Reforms, Setting Quality Bench Marks, Key Performance Indicators, Auditing and Impact Mentoring, and Academic and Administrative Audit. Thus the IQAC monitors the continuous quality improvement of the academic processes. The two best practices and bench marked processes of the College are Key Performance Indicators, and Setting the quality Bench Marks.

Key Performance Indicators: The performance of a department is based on various parameters that play a key role in the assessment of quality. The assessment for quality improvement is done regularly and report is generated for all the departments every month, every semester and every year. Few Parameters on which the quality is measured are the academic performance of the students, success rate of the students, academic audits, number of publications done and the quality of the journal in which it is published, include the number of faculty awarded PhDs degree in that year, number of funded research projects, total grants received, patents applied and granted. Besides these impetus is also given to consultancy works and faculty's contribution to writing books.

Setting the quality Bench Marks: The IQAC has initiated a standard for setting a performance at two levels viz the Faculty level and the Department Level. First bench mark set for the faculty are based on the number of papers published in International Journals of repute like IEEE, Elsevier, another being Doctorates form a cluster and work together for publications and also write proposals for funding projects, Faculty refresher courses, one week or FDP program guiding at least two UG projects, pursue online certificate courses, student's feedback and maintenance of academic performance index

(API) score. The bench marks on which the departments assessed are, funding projects starting with minimum 20 Lakhs per annum, consultancy work with minimum 20 lakhs PA, Faculty Development Programmes, Workshops, Hands-on Training Programmes, Higher education guidance, Student publications, Student Innovations, Student hardware working prototypes, Outcome-based education, computing CO-PO attainment and analyzing the impact of the TLP in deriving the outcomes, Increasing success rate of the students right from the first year. In order to gauge the true reflection of the activities carried out by the performance metric used in strategic management to identify and improve various internal functions, departmental score was devised and used to measure efficiency and effectiveness of the processes.

The institute has established IQAC Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body Meeting held on 28-10-2021.

6. Programmes

Name of Programmes approved by AICTE

SNo	Program	Level	Course
1.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
2.			CIVIL ENGINEERING
3.			COMPUTER SCIENCE AND DESIGN
4.			COMPUTER SCIENCE AND ENGINEERING
5.			ELECTRONICS AND COMMUNICATION ENGINEERING
6.			ELECTRICAL AND ELECTRONICS ENGINEERING
7.			INFORMATION TECHNOLOGY
8		POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING
9	MANAGEMENT	POST GRADUATE	MBA

Name of Programmes Accredited by NBA

SNo	Program	Level	Course
1.	ENGINEERING AND TECHNOLOG Y	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING
2.			ELECTRICAL AND ELECTRONICS ENGINEERING

Status of Accreditation of the Courses

- *Total number of Courses*
- *No. of Courses for which applied for Accreditation*
- *Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved forCourses*

Total number of Courses	No. of Courses for which applied for Accreditation	Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for Courses
11	02	Approved for <u>02</u> Courses

NBA Letters:

1. UG B.Tech CSE, EEE :[NBA 2021-2022 NBA Extension of Accreditation.pdfs](#)

NAAC Accreditation Status		
1	Accredited	Cycle-2: Accredited with a CGPA of 3.23 at A Grade valid from 28-03-2019 to 27-03-2024.

NAAC Certificate: [NAAC Certificates.pdfs](#)

For each Programme the following details are to be given:

- *Name*
- *Number of seats*
- *Duration*
- *Cut off marks/rank of admission during the last three years*
- *Fee*
- *Placement Facilities*
- *Campus placement in last three years with minimum salary, maximum salary and average salary*

Course	UG - B. Tech – Artificial Intelligence & Machine Learning			
Number of seats	60 (From the AY 2021-2022)			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	120743	<i>Not Applicable</i>	<i>Not Applicable</i>	
Fee	Rs. 65,000			
Placement Facilities	Yes			
		2021-2022	2020-2021	2019-2020

Campus placement in last three years with minimum salary, maximum salary and average salary	Number of Placements	<i>Not Applicable</i>	<i>Not Applicable</i>	<i>Not Applicable</i>
	Minimum Salary	<i>Not Applicable</i>	<i>Not Applicable</i>	<i>Not Applicable</i>
	Maximum Salary	<i>Not Applicable</i>	<i>Not Applicable</i>	<i>Not Applicable</i>
	Average Salary	<i>Not Applicable</i>	<i>Not Applicable</i>	<i>Not Applicable</i>

Course	UG - B. Tech – Civil Engineering			
Number of seats	120			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	80434	85307	99636	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	16	3	3
	Minimum Salary	Rs. 2,00,000	Rs. 3,00,000	Rs. 2,16,000
	Maximum Salary	Rs. 3,00,000	Rs. 3,00,000	Rs. 2,16,000
	Average Salary	Rs. 2,50,000	Rs. 3,00,000	Rs. 2,16,000

Course	UG-B.Tech–Computer Science and Design			
Number of seats	60			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	117645	NA	NA	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-2021	2019-2020	2018-2019
	Number of Placements	0	0	7
	Minimum Salary	NA	NA	Rs. 3,00,000
	Maximum Salary	NA	NA	Rs. 4,00,000
	Average Salary	NA	NA	Rs. 3,50,000

Course	UG - B. Tech – Computer Science and Engineering			
Number of seats	240			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	115128	85091	93778	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	350	240	216
	Minimum Salary	Rs. 1,80,000	Rs. 1,80,000	Rs. 1,80,000
	Maximum Salary	Rs. 9,50,000	Rs. 24,00,000	Rs. 10,00,000
	Average Salary	Rs. 4,50,000	Rs. 5,00,000	Rs. 3,50,000

Course	UG-B.Tech–Electronics and Communication Engineering			
Number of seats	240			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	120354	86059	97026	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	392	221	200
	Minimum Salary	Rs. 2,00,000	Rs. 2,28,000	Rs. 1,80,000
	Maximum Salary	Rs. 22,03,260	Rs. 7,00,000	Rs. 21,00,000
	Average Salary	Rs. 4,95,630	Rs. 4,15,361	Rs. 4,31,211

Course	UG - B. Tech – Electrical and Electronics and Engineering			
Number of seats	120			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	110237	83060	98862	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	92	43	39
	Minimum Salary	Rs. 2,00,000	Rs. 2,28,000	Rs. 2,29,000
	Maximum Salary	Rs. 6,50,000	Rs. 5,00,000	Rs. 8,00,000
	Average Salary	Rs. 3,57,647	Rs. 3,37,258	Rs. 3,71,909
Course	UG - B. Tech – Information Technology			
Number of seats	60			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	120748	85083	99020	
Fee	Rs. 65,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	171	128	80
	Minimum Salary	Rs. 2,50,000	Rs. 2,28,000	Rs. 1,80,000
	Maximum Salary	Rs. 11,50,000	Rs. 8,00,000	Rs. 14,00,000
	Average Salary	Rs. 5,22,520	Rs. 4,12,013	Rs. 4,09,537

Course	PG - M. Tech – Computer Science and Engineering			
Number of seats	24			
Duration	2 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	1750	656	1167	
Fee	Rs. 75,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-2021	2019-2020	2018-2019
	Number of Placements	0	0	3
	Minimum Salary	NA	NA	Rs. 3,00,000
	Maximum Salary	NA	NA	Rs. 4,00,000
	Average Salary	NA	NA	Rs. 3,50,000

Course	PG - MBA – Master of Business Administration			
Number of seats	18			
Duration	2 Years			
Cut off marks/rank of admission during the last three years	2021-2022	2020-2021	2019-2020	
	50144	41198	40061	
Fee	Rs. 45,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2021-2022	2020-2021	2019-2020
	Number of Placements	16	12	34
	Minimum Salary	Rs. 2,80,000	Rs. 3,00,000	Rs. 1,44,000
	Maximum Salary	Rs. 4,50,000	Rs. 4,00,000	Rs. 8,00,000
	Average Salary	Rs. 3,67,774	Rs. 3,50,000	Rs. 2,88,860

Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

Details of the Foreign University

- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration

Teegala Krishna Reddy Engineering College is not offering any Programme(s) having Twinning and Collaboration with Foreign University(s).

For each Programme Collaborated provide the following:

- Programme Focus
- Number of seats
- Admission Procedure
- Fee
- Placement Facility
- Placement Records for last three years with minimum salary, maximum salary and average salary

Not Applicable

Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval

Not Applicable

7. Faculty

Course/Branch wise list Faculty members

Branch wise list of Faculty members is available at the following links:

Department of CSE: <https://tkrec.ac.in/department-cse/>

Department of AI&ML: <https://tkrec.ac.in/department-aiml/>

Department of CSD: <https://tkrec.ac.in/department-csd/>

Department of IT: <https://tkrec.ac.in/department-it/>

Department of ECE: <https://tkrec.ac.in/department-ece/>

Department of EEE: <https://tkrec.ac.in/department-eee/>

Department of CE: <https://tkrec.ac.in/civil-enigneering/>

Department of MBA: <https://tkrec.ac.in/department-mba/>

Department of H&S: <https://tkrec.ac.in/department-hs/>

Permanent Faculty

The details of Permanent Faculty are available at the following links:

Department of CSE: <https://tkrec.ac.in/department-cse/>

Department of AI&ML: <https://tkrec.ac.in/department-aiml/>

Department of CSD: <https://tkrec.ac.in/department-csd/>

Department of IT: <https://tkrec.ac.in/department-it/>

Department of ECE: <https://tkrec.ac.in/department-ece/>

Department of EEE: <https://tkrec.ac.in/department-eee/>

Department of CE: <https://tkrec.ac.in/civil-enigneering/>

Department of MBA: <https://tkrec.ac.in/department-mba/>

Department of H&S: <https://tkrec.ac.in/department-hs/>

Adjunct Faculty

Currently no adjunct Faculty are associated with the college.

Permanent Faculty: Student Ratio

Permanent Faculty Student Ratio is 1:15

Number of Faculty employed and left during the last three years

Academic Year	Total Number of Faculty Employed	Number of Faculty Joined	Number of Faculty Left
2021-2022	313	56	57
2020-2021	315	35	47
2019-2020	334	30	52

8. Profile of Principal

For each Faculty give a page covering with Passport size photograph

Profile of the Principal:

Name	Dr. K Venkata Murali Mohan			
Date of Birth	01-02-1974			
Unique ID				
Education Qualifications	B.E., M.Tech., Ph.D.			
Work Experience	Teaching	Research	Industry	others
	23 Years	--	--	--
Area of Specialization	Wireless Communications Software Reliability Cellular and Mobile Communication			
Courses taught at Under Graduate	Signals and Systems, Digital Signal Processing, Probability Stochastic Process, Digital Logic Design, Electronic Devices and Circuits, Wireless Communication networks, Telecommunication, Switching Systems and Networks.			
Research guidance	No. of papers published in National/ International Journals/ Conferences	Master	Ph.D.	
	51	14	Awarded - 00 Supervising - 01	
Patents (Filed & Granted)	02			
Technology Transfer	--			
Research Publications	Published 36 International Journal Papers Presented 15 International Conference Papers			
No. of Books published with Details	02			

Profile of the Faculty:

Profile of each faculty member is available at department wise at the following links:

Department of CSE: <https://tkrec.ac.in/department-cse/>

Department of AI&ML: <https://tkrec.ac.in/department-aiml/>

Department of CSD: <https://tkrec.ac.in/department-csd/>

Department of IT: <https://tkrec.ac.in/department-it/>

Department of ECE: <https://tkrec.ac.in/department-ece/>

Department of EEE: <https://tkrec.ac.in/department-eee/>

Department of CE: <https://tkrec.ac.in/civil-engineering/>

Department of MBA: <https://tkrec.ac.in/department-mba/>

Department of H&S: <https://tkrec.ac.in/department-hs/>

9. Fee

Details of Fee, as approved by State Fee Committee, for the Institution

The details of Fee, as approved by TAFRC (State Fee Committee), for the Institution is available at <https://tkrec.ac.in/college-fees/>

Time schedule for payment of Fee for the entire Programme

01st July of every year

No. of Fee waivers granted with amount and name of students

SNo.	Academic Year	No. of fee Waivers Granted	Student Details	Amount
1.	2021-2022	02	D DEEKSHITHA(ECE)	30000
2.			RAMYA(ECE)	30000

Numbers of scholarship offered by the Institution, duration and amount

SNo	Academic Year	No. of Scholarships Offered	Duration	Amount
1.	2021-2022	nil		
2.				
3.				
4.				

Criteria for Fee waivers/scholarship

E Scholarship Test (TKREC) is conducted annually to identify the students for scholarships.

Estimated cost of Boarding and Lodging in Hostels

Estimated Cost of Boarding and Lodging in Boys Hostel per annum-Rs.60,000

Estimated Cost of Boarding and Lodging in Girls Hostel per annum-Rs.60,000

Any other fee please specify

Nil

10. Admission

Number of seats sanctioned with the year of approval

SNo	Course	Year of Approval	2021-2022	2020-2021	2019-2020
1.	UG-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	2021	60	NA	NA
2.	UG-CIVIL ENGINEERING	2009	120	120	120
3.	UG-COMPUTER SCIENCE AND DESIGN	2021	60	NA	NA
4.	UG-COMPUTER SCIENCE AND ENGINEERING	2005	240	240	240
5.	UG- ELECTRONICS AND COMMUNICATION ENGINEERING	2005	240	240	240
6.	UG-ELECTRICAL AND ELECTRONICS ENGINEERING	2005	120	120	120
7.	UG-INFORMATION TECHNOLOGY	2005	60	60	60
8.	PG-COMPUTER SCIENCE AND ENGINEERING	2012	24	24	24
9.	PG-MBA	2006	60	60	60

Number of Students admitted under various categories each year in the last three years

SNo	Course	Total Number of Students Admitted under Various categories		
		2021-2022	2020-2021	2019-2020
1.	UG-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	64	NA	NA
2.	UG-CIVIL ENGINEERING	03	24	83
3.	UG-COMPUTER SCIENCE AND DESIGN	41	NA	NA
4.	UG-COMPUTER SCIENCE AND ENGINEERING	259	179	192
5.	UG- ELECTRONICS AND COMMUNICATION ENGINEERING	258	189	181
6.	UG-ELECTRICAL AND ELECTRONICS ENGINEERING	11	18	61
7.	UG-INFORMATION TECHNOLOGY	64	49	45
8.	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	03	02	04
9.	PG – MBA – MASTER OF BUSINESS ADMINISTRATION	44	35	36

11. Number of applications received during last two years for admission under Management Quota and number admitted

Year	Number of Applications Received	Number Admitted
2021-2022	200	197
2020-2021	298	268
2019-2020	321	250

12. Admission Procedure

Mention the admission test being followed, name and address of the Test Agency/State Authorities and its URL (website)

SNo	Course	Admission Test	Name and Address of the Test Agency/State Authorities	URL (website)
1.	B.Tech. (Regular)	TSEAMCET	Telangana State Council of Higher Education 1stfloor,JNTUMasabTankCampus, Mahaveer Marg, Opp. Mahaveer Hospital, Hyderabad – 500 028.	https://tseamcet.nic.in/default.aspx
2.	B.Tech. (Lateral Entry)	TSECET	Telangana State Council of Higher Education TSECET[FDH&B.Sc.(Mathematics)] – 2021, Directorate of Admissions Admission Block Opp: Campus Post Office Jawaharlal Nehru Technological University Hyderabad Kukatpally, Hyderabad – 500 085	https://ecet.tsche.ac.in/TSECET/TSECET_HomePage.aspx
3.	M.Tech.	TSPGECET	Telangana State Council of Higher Education Convener, TSPGECET – 2021 Behind Diamond Jubilee Library, Near University Teegala Krishna Reddy Engineering college, Osmania University, Hyderabad-500 007, Telangana	https://pgecet.tsche.ac.in/TSPGECET/PGECET_HomePage.aspx
4.	MBA	TSICET	Telangana State Council of Higher Education Convener, TSICET – 2021 & Dean, Faculty of Commerce and Business Management, KAKATIYA UNIVERSITY, Warangal – 506 009 (T.S.) India,	https://icet.tsche.ac.in/TSICET/TSICET_HomePage.aspx

Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)

Calendar for admission against Management/vacant seats:

Last date of request for applications: **19-10-2021**

Last date of submission of applications: **19-10-2021**

Dates for announcing final results: **29-10-2021**

Release of admission list (main list and waiting list shall be announced on the same day): **05-11-2021**

Date for acceptance by the candidate (time given shall in no case be less than 15 days): **20-11-2021**

Last date for closing of admission: **28-11-2021**

Starting of the Academic session: **02-12-2021**

The waiting list shall be activated only on the expiry of date of main list

The policy of refund of the Fee, in case of withdrawal, shall be clearly notified as per AICTE norms

Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum Level of acceptance, if any
- Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted B. Tech. - as notified by the Convener, TS EAMCET <https://tseamcet.nic.in/default.aspx>
- M. Tech. - as notified by the Convener, TS PGECET https://pgcet.tsche.ac.in/TSPGECET/PGECET_HomePage.as
- MBA - as notified by the Convener, ICET https://icet.tsche.ac.in/TSICET/TSICET_HomePage.aspx

13. List of Applicants

List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)

The details are available at: <https://tkrec.ac.in/admissions-ug/>

14. Results of Admission under Management seats/Vacant seats

1. Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)

2. Score of the individual candidate admitted arranged in order or merit
3. List of candidate who have been offered admission
4. Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate
5. List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

The details are available at: <https://tkrec.ac.in/admissions-ug/>

15. Information of Infrastructure and Other Resources Available

Number of Class Rooms and size of each

The institution has 47 classrooms. The details and size of each room are shown in the below table.

SN.	Room No.	Details	Carpet area (in sq m)
1	NB-201	CSE CLASS ROOM-1	79.779
2	NB-202	CSE CLASS ROOM-2	79.779
3	NB-303	CSE CLASS ROOM-3	67.64
4	NB-309	CSE CLASS ROOM-4	66.305
5	NB-410	CSE CLASS ROOM-5	65.9325
6	OB-414	CSE CLASS ROOM-6	80.08
7	OB-415	CSE CLASS ROOM-7	80.08
8	OB-401	CSE CLASS ROOM-8	70.4
9	NB-411	CSE CLASS ROOM-9	71.1475
10	OB-506	CSE CLASS ROOM-10	77.44
11	OB-307	IT CLASS ROOM-1	75.65
12	OB-313	IT CLASS ROOM-2	75.65
13	NB-401	IT CLASS ROOM-3	39.15
14	NB-602	ECE CLASS ROOM-1	79.779
15	NB-603	ECE CLASS ROOM-2	65.86
16	NB-604	ECE CLASS ROOM-3	65.86
17	NB-605	ECE CLASS ROOM-4	65.86
18	NB-606	ECE CLASS ROOM-5	80.91
19	NB-607	ECE CLASS ROOM-6	80.91
20	NB-608	ECE CLASS ROOM-7	80.91
21	NB-609	ECE CLASS ROOM-8	31.6625
22	NB-610	ECE CLASS ROOM-9	64.4425
23	NB-611	ECE CLASS ROOM-10	64.4425
24	K-201	EEE CLASS ROOM-1	64.4425
25	K-202	EEE CLASS ROOM-2	64.4425
26	K-108	EEE CLASS ROOM-3	65.85
27	K-109	EEE CLASS ROOM-4	55.87
28	K-101	EEE CLASS ROOM-5	66.6775
29	K-208	CE CLASS ROOM-1	65.85
30	K-209	CE CLASS ROOM-2	57.35
31	K-210	CE CLASS ROOM-3	57.35
32	K-211	CE CLASS ROOM-4	57.35
33	K-204	CE CLASS ROOM-5	77.1075

SN.	Room No.	Details	Carpet area (in sq m)
34	OB-501	1 YR CLASS ROOM-1 (ECE-A)	78.32
35	OB-502	1 YR CLASS ROOM-2 (ECE-B)	78.32
36	OB-503	1 YR CLASS ROOM-3 (ECE-C)	78.32
37	OB-504	1 YR CLASS ROOM-3 (ECE-D)&CE	78.32
38	OB-506	1 YR CLASS ROOM-5 (CSE-A)	77.44
39	OB-507	1 YR CLASS ROOM-6 (CSE-B)	77.44
40	OB-508	1 YR CLASS ROOM-7 (CSE-C)	77.44
41	OB-509	1 YR CLASS ROOM-8 (CSE-D)	77.44
42	NB-409	1 YR CLASS ROOM-9 (IT)	66.305
43	OB-510	1 YR CLASS ROOM-10 (AI&ML)	77.44
44	NB-408	1 YR CLASS ROOM-11 (CSG&EEE)	56.12
45	OB-211	PG-CSE-CSE CLASS ROOM-1	76.54
46	NB-311	MBA CLASS ROOM-1	67.05
47	NB-502	MBA CLASS ROOM-2	42.021

Number of Tutorial rooms and size of each

The institution has 13 Tutorial rooms. The details and size of each room are shown in the below table.

SN.	Room No.	Details	Carpet area (in sq m)
1	TR – 101	1 YR TUTORIAL ROOM-1	42.05
2	TR – 102	1 YR TUTORIAL ROOM-2	67.05
3	TR – 103	CSE TUTORIAL ROOM-1	42.05
4	TR – 104	CSE TUTORIAL ROOM-2	67.05
5	TR – 105	IT TUTORIAL ROOM-1	42.05
6	TR – 106	IT TUTORIAL ROOM-2	42.05
7	TR – 107	ECE TUTORIAL ROOM-1	47.05
8	TR – 108	ECE TUTORIAL ROOM-2	42.05
9	TR – 109	EEE TUTORIAL ROOM-1	48.05
10	TR – 110	ME TUTORIALROOM-1	42.05
11	TR – 201	ME TUTORIALROOM-2	47.05
12	TR – 202	CE TUTORIAL ROOM-1	42.05
13	TR – 203	MBA TUTORIALROOM-1	48.05

Number of Laboratories and size of each

The institution has 85 Laboratory rooms. The details and size of each room are shown in the below table.

SN.	Room No.	Details	Carpet area (in sq m)
1	OB-209A	CSE LAB-1	78.32
2	OB-209B	CSE LAB-2	78.32
3	OB-305A	CSE LAB-3	78.32
4	OB-202A	CSE LAB-4	78.32
5	OB-202B	CSE LAB-5	78.32
6	OB-204A	CSE LAB-6	78.32
7	OB-204B	CSE LAB-7	78.32
8	OB-412	CSE LAB-8	82.1
9	OB-405	CSE LAB-9	117.92
10	OB-308	CSE LAB-10	75.65
11	NB-203	CSE LAB-11	122.82
12	NB-204	CSE LAB-12	122.82

13	NB-310	CSE LAB-13	66.305
14	NB-207	AI&ML LAB-1	138.57
15	OB-310A	IT LAB-1	79.32
16	OB-310B	IT LAB-2	79.32
17	OB-405	IT LAB-3	117.92
18	OB-412	IT LAB-4	82.1
19	OB-209	IT LAB-5	156.64
20	OB-308	IT LAB-6	75.65
21	NB-106A	IT LAB-7	66.7
22	NB-106B	IT LAB-8	66.7
23	NB-305	ECE LAB-1	101.46
24	NB-306	ECE LAB-2	107.18
25	NB-307	ECE LAB-3	70.56
26	NB-308	ECE LAB-4	95.68
27	OB-304	ECE LAB-5	120.15
28	OB-311	ECE LAB-6	121.04
29	OB-312	ECE LAB-7	113.92
30	OB-404	ECE LAB-8	114.4
31	OB-411	ECE LAB-9	120.56
32	OB-413	ECE LAB-10	117.04
33	OB-102	EEE LAB-1	85.96
34	OB-103	EEE LAB-2	84.1
35	OB-104	EEE LAB-3	82.21
36	OB-105	EEE LAB-4	243.81
37	K-102	EEE LAB-5	66.6775
38	K-104	EEE LAB-6	104.3
39	NB-301	EEE LAB-7	76.99
40	NB-302	EEE LAB-8	82.47
41	NB-101	CE LAB-1	162.08
42	NB-102	CE LAB-2	101.46
43	NB-103	CE LAB-3	98.79
44	NB-107	CE LAB-4	102.81
45	NB-108	CE LAB-5	102.81
46	NB-310	CE LAB-6	66.305
47	NB-402	H&S LAB-1	120.06
48	NB-404	H&S LAB-2	122.82
49	NB-405	H&S LAB-3	69.92
50	OB-410	H&S LAB-4	78.32
51	OB-408	H&S LAB-5	74.8
52	OB-409	H&S LAB-6	74.8

Number of Drawing Halls with capacity of each

The institution has 2DrawingHalls. The details and size of each room are shown in the below table.

SNo	Room No.	Details	Capacity	Carpet area (in sq m)
1	K-606	DRAWING HALL - 1	72	65.85
2	K-604	DRAWING HALL – 2	72	77.1075
3	NB-501	DRAWING HALL – 3	72	117.45

Number of Computer Centers with capacity of each

The institution has 2 Computer Centres. The details and size of each Computer Centre is shown in the below table.

S No.	Room No.	Details	Capacity	Carpet area (in sq m)
1	207	COMPUTER CENTRE-1	50	159.58
2	204	COMPUTER CENTRE-2	50	165.83

Central Examination Facility, Number of rooms and capacity of each

The institute has central examination facility with 6rooms.The detailsandsizeofeachroomis shown in the below table.

S No.	Room No.	Details	Capacity	Carpet Area (in sq m)
1	206A	QUESTION PAPER PROCESSING ROOM	4	20
2	206B	STRONG ROOM	6	30
3	107	EVALUATION HALL	40	319
4	206C	CONTROLLER OF EXAMINATION OFFICE	8	40
5	206D	ADDL. CONTROLLER OF EXAMINATION OFFICE	6	40
6	208	DISTRIBUTION AND COLLECTION ROOM	15	153

Online examination facility (Number of Nodes, Internet band width, etc.)

For online examination college is having 1200 nodes with 500 Mbps bandwidth. UPS Backup facility and additionally supported with Diesel Generators

Barrier Free Built Environment for disabled and elderly persons

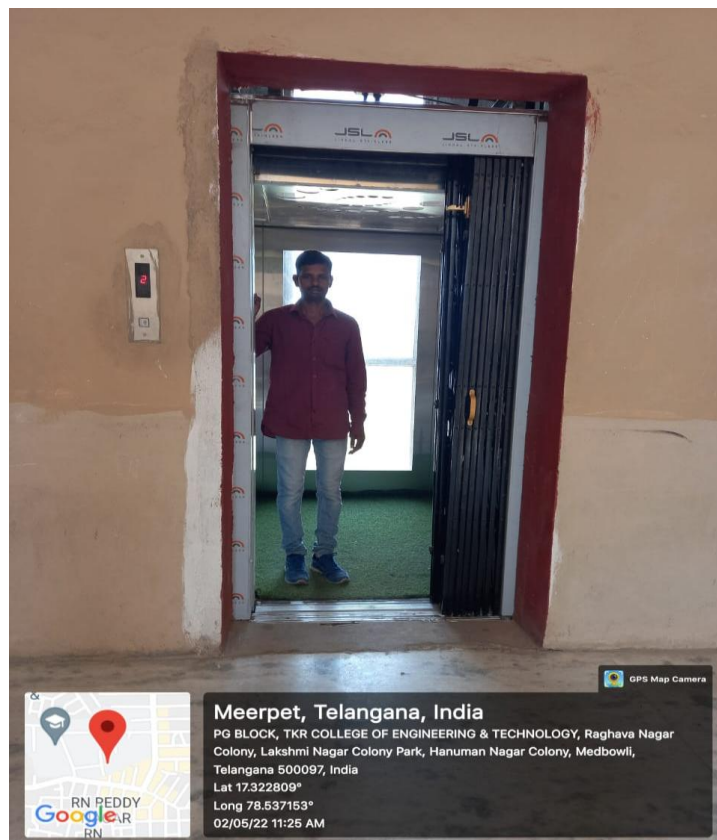
It has been felt that differently-abled persons need special arrangements in the TKREC College premises for their mobility and independent functioning. TKREC has architectural barrier free environment that disabled persons find easy for their day-to-day functioning. The college addresses the accessibility relevant issues as per the stipulations of the Persons with Disabilities Act 1995. All the existing infrastructure in the college is disabled-friendly and TKREC ensures that the future construction will also be based on the principle of inclusion. The institute has special facilities such as Wheel chairs, Walkers, Lifts, Ramps, Hand Rails, Special Toilets, and other necessary changes to meet the needs of differently-abled persons.

- 1. Physical Facilities:** The classes for differently Abled students are conducted on the ground floor for their convenience. Mobility devices like Wheel Chairs and Walker are made available in major Buildings.

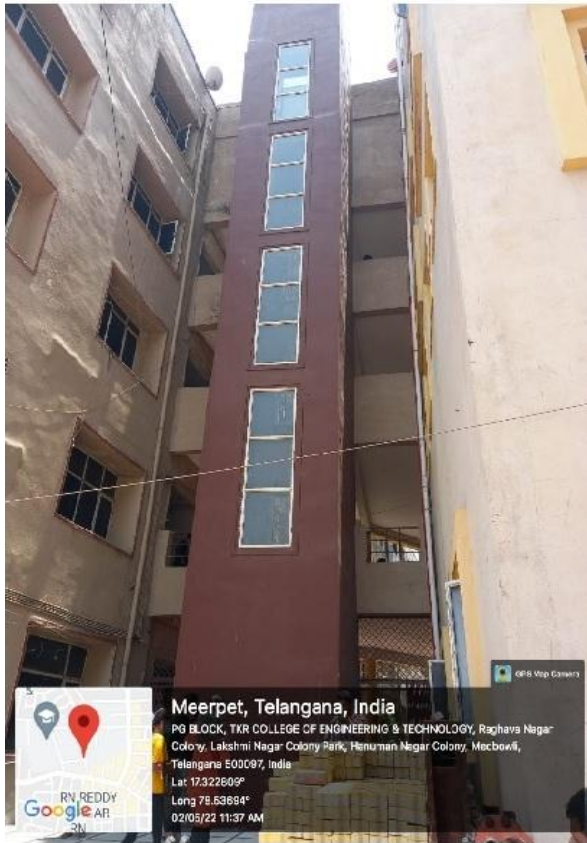
Block-1 Wheel Chair



Block-2: Lift



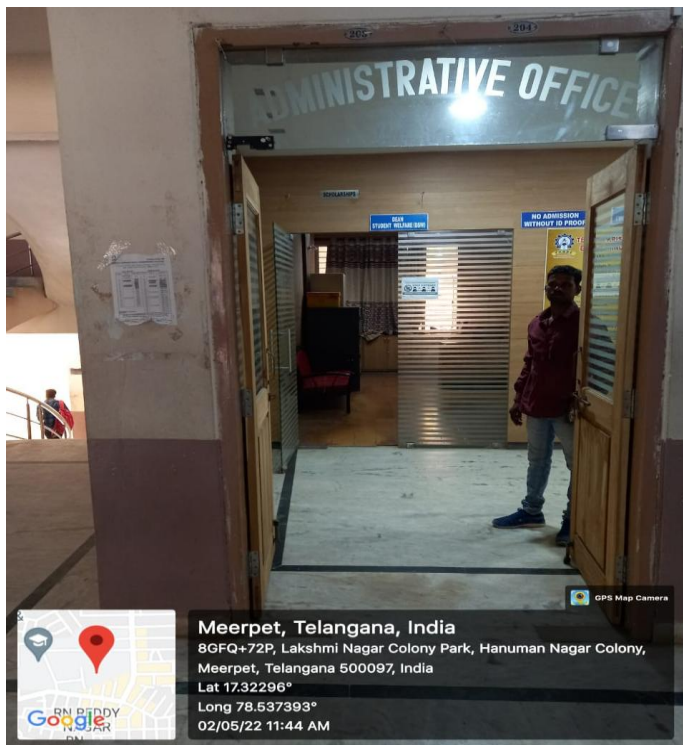
Block-2: Lift



Block-1: First Aid and Sick Room



Block-1 : Administrative Office



Block-1 : Girls Waiting Hall



Ramp / Rails: Apart from stair access and lifts, TKREC Buildings are constructed with Ramps and Hand Rails as sloped pathways used to provide access to outside buildings. Ramps provide an alternative to stairs for wheelchair users, people with mobility issues and people with prams, 31 | Page bicycles and other wheeled items. Adequate space is allocated for persons using mobility devices, as well as those walking with the assistance of other persons

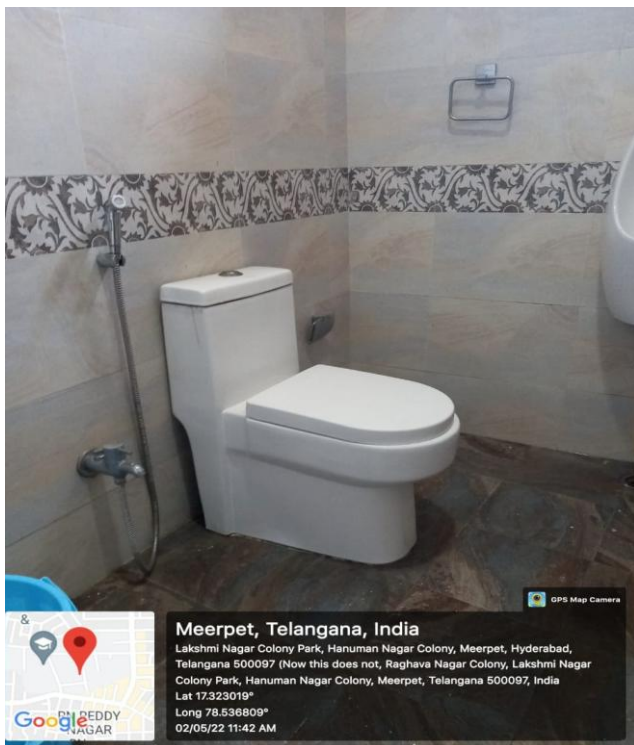
Block-2 Ramp



4. Braille Software: To assist visually challenged students NVDA software is installed in computers and speaker is provided. But so far no visually challenged students have joined in the college.

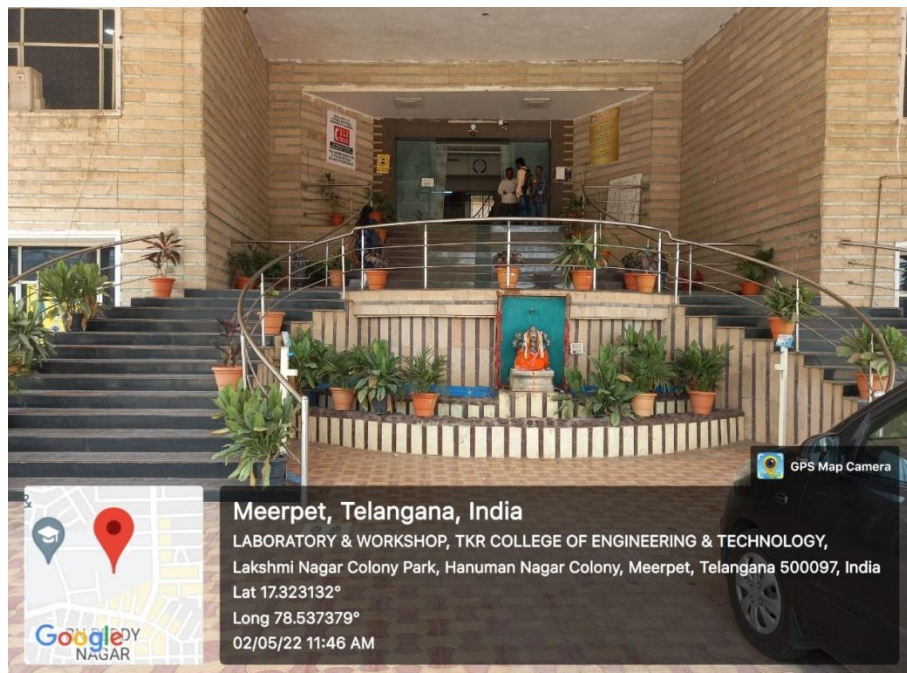
5. Rest Rooms: Rest rooms are provided with clean and hygienic conditions in every building block. The rooms are constructed in the ground floor for the convenience of the students.

Block-1 Wash rooms



Block-1 Water Treatment Plant





Block-1: College Main Entrance

6. Scribes for examination:

TKREC provides scribes for differently Abled students if required during examinations. as per the JNTUH and AICTE rules of examinations.

JNTUH: Proceeding No. JNTUH/EB/11148/2/ Concessions extended to the Physically Challenged Students/2018

AICTE: F.No.AICTE/e-Gov/230/2015-16- Disable friendly examination centre for candidates with disabilities – Order of Court of Chief Commissioner for Persons with Disabilities

2. Any other Facilities:

- i. First Aid and Sick Room is made available in the ground floor of Block-1 room No. 1006 with stretcher and bed along with doctor.
- ii. Ambulance facility is made available in the campus in case of any emergency.
- iii. TKREC provides guidance and counseling to differently Abled individuals and assists them to gain successful employment in the public as well as private sectors.
- iv. TKREC conducts awareness programmes for faculty about the approaches to teaching, evaluation procedures, etc, which they should address in the case of differently-Abled students.
- v. College buses are arranged with extra door step to support physically challenged persons

Occupancy Certificate

The Occupancy Certificate is available at: <https://tkrec.ac.in/icdect-22/>

Fire and Safety Certificate

The Fire and Safety Certificate is available at <https://tkrec.ac.in/icdect-22/>

Hostel Facilities

The institute has separate Boys Hostel and Girls hostel facility. The Boys hostel has 78 Rooms with 3 student per room accommodation, 8 Rooms with 4 student per room accommodation with a total area of 1550 Sqm. The Girls hostel has 79 Rooms with 3 student per room accommodation, 3 Rooms with 4 student per room accommodation with a total area of 1440 Sqm.

These hostels are having the following facilities:

- Internet Facility
- Cafeteria Facility
- RO Purified Drinking Water
- Laundry
- 24X7 Security, CCTV Surveillance,
- Solar Fencing and In-House Warden
- Round the clock ambulance service
- Inward and the outward movements are registered and allowed only with the prior information from the parents
- For fitness of girls along with boys there is a separate high-quality equipment of games, sports, and gym is provided
- Anti-Ragging Vigilance
- Medical & other Facilities at Hostel
- Resident Doctor
- 24X7 ambulance facility.
- MoU with nearest multispecialty emergency hospital.

Library

Number of Library books/ Titles/ Journals available(program-wise)

Degree	Number of Titles till the A.Y.2020-21	Number of Titles added in the A.Y.2021-22	Number of Volumes till the A.Y.2020-21	Number of Volumes added in the A.Y.2021-22	Number of National Print Journals till the A.Y.2020-21	Number of National Print Journals added in the A.Y.2021-22	Number of International Print Journals till the A.Y.2020-21	Number of International Print Journals added in the A.Y.2021-22	Number of e-Journals till the A.Y.2020-21	Number of e-Journals added in the A.Y.2021-22	Valid Subscription Number of e-Journals
B.Tech	3667	6	42598	90	84	12	50	6	84	6	
M.Tech	610	4	3648	20	9	1	8	1	35	6	174 IEEE
MBA	504	4	3014	25	12	1	12	1	24	2	Delnet 1044 & N-LIST

List of online National/ International Journals subscribed

SNo	Details	Number of e-Journals	Link for List of online National/ International Journals subscribed
1	IEEE	174	https://delnet.in/http://164.100.247.26/
2	DELNET	1044	https://nlist.inflibnet.ac.in/collegeadmin/vdashboard.php
3	NLIST	120	https://nlist.inflibnet.ac.in/collegeadmin/vdashboard.php

E- Library facilities

The Central Library provides digital content to the user community (students & faculty) for updating their pedagogy and learning beyond curriculum through the library webpage (<https://tkrec.ac.in/digital-library/>) which access of OPAC (Online Public Access Catalogue), World e-Book Library (e-Books), NPTEL & SWAYAM web & video courses, SWAYAM Prabha (32 DTH Channel for Education), National Digital Library of India (NDL), memberships of DELNET, List and British Council Library, and other Open Educational Resources (OERs).

National Digital Library (NDL) subscription details

NDLI Club Subscription ID: INTGNCW4HWSRLVW

Laboratory and Workshop

- *List of Major Equipment/Facilities in each Laboratory/ Workshop*
- *List of Experimental Setup in each Laboratory/Workshop*

The detail of List of Major Equipment/Facilities in each Laboratory/Workshop and List of Experimental Setup in each Laboratory/Workshop are available at: <https://tkrec.ac.in/labs/>

Computing Facilities

Internet Bandwidth

The institute has internet connection with a bandwidth of 1000 Mbps.

Number and configuration of System

The institute has a total number of 1020 Computers. The distribution of computers along their configuration is shown at: <https://tkrec.ac.in/labs/>

Total number of system connected by LAN

All 1020 computers of the institute are connected by LAN.

Total number of systems connected by WAN

A total of 1020 systems are connected by WAN.

Major software packages available

The institute has 11 System Software and 55 Application Software. The list of System Software and Application Software are available at: <https://tkrec.ac.in/labs/>

Special purpose facilities available (Conduct of online Meetings / Webinars / Workshops, etc.)

Lecture video Recording Studio Room, 300 Seating Auditorium with Silver Screen and Cinema Projector and multimedia systems, Video conferencing rooms with A-View software.

Facilities for conduct of classes/courses in online mode (Theory & Practical)

Innovation Cell

Centre for Innovation and Entrepreneurship (CIE) at TKREC is established to promote and support technology-based entrepreneurship spirit among the graduated and graduating students of TKREC. CIE. TKREC wishes to facilitate the creation of ideas and inventions that benefit society. In Incubation program at CIE, we support Innovation and Entrepreneurship aspirants with funding opportunities, mentoring support, nurturing ideas and help these aspirants to start their unique startups and entrepreneurship journey. Our virtual incubator is accessible to all the aspirants and can operate from anywhere in India. In CIE we support Early-stage startups, Mid to large-sized companies with developed ideas by identifying the challenges they are facing and provide proper guidance to get started or scale-up the initiative. Our world-class Mentorship team helps our Incubated startups to brainstorm, pitch and reach the desired Goals with increased productivity and impact. In CIE TKREC College of Engineering, we organize a series of Entrepreneurship Development Workshops and Entrepreneurship Awareness Camps to Identify and guide early-stage ideas and startups with required skills, network and support. We have partnered with SWECHA Foundation to help our incubated entrepreneurs to network with startups and leaders who are creating an impact in the fields. We received immense guidance, funds and support from DST - NIMAT, MSME, Entrepreneurship Development Institute of India, IUCEE to help our incubated startups to acquire skills and scale-up their ventures.

Social Media Cell

Teegala Krishna Reddy Engineering college is active on various Social Media Plat forms like Facebook, Twitter and Instagram. The institute can be reached on social media on the following links.

Facebook: <https://www.facebook.com/tkrecofficial/>

Twitter: https://twitter.com/tkrec_Coll

Linkedin: <https://www.linkedin.com/in/tkrec-engineering-college-15ab16159/>

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

Not Applicable

List of facilities available

Games and Sports Facilities

Indoor Games and Sports facilities available:

Name of the game	Total area available in SQM	Nos.
Carroms (Boys & Girls)	90	10 Boards each

Chess (Boys & Girls)	90	30 Boards each
Table Tennis	90	5 Boards each
Shuttle Badminton	609	3 courts
Snookers	150	3 Tables
Gymnasium Boys	133	1
Gymnasium Girls	104	1
Yoga class room	72	2 Room
Student rest rooms	600	10 Rooms

Outdoor Games and Sports facilities available:

Name of the game	Total area available in SQM	No of courts/field
Cricket	10100	1
Basketball	540	1
Volleyball	510	3
Throw Ball	160	1
Tennikoit	150	1
Kabbadi	400	1

Extra-Curricular Activities

To provide a common platform for students to explore their inherent talents through extra-curricular activities the different clubs are formed under the Student Affairs division like LITERATURE CLUB, GENESIS CLUB, NSS Unit and etc...

1. Student Affairs division continuously organized various events under these clubs for encouraging students talent.

Soft Skill Development Facilities

Many of the students enter the portals of the institution are from the first-generation families who look for a job immediate as career option after completion of their graduation. The challenge here is that their eligibility for a campus placement opportunity (the industry expects a minimum of 60% marks at both 10th and 12th standards). The college is totally concern about this. In order to facilitate the students to improve their academic performance and communication skills the college felt there is need for continuous skill building activity. Accordingly, a dedicated student skill development cell was established in the year 2016. The main objective of the Skill Development Cell is to bridge the gap between academia and industry and train the students on the required skill sets. Students are trained on employability skills to suit the requirement of the industry.

The institute hires skilled trainers specialized in various fields related to the requirements of the job market. The students are trained in areas of Aptitude knowledge, Quantitative theory, Soft Skill and Technical Skills. These trainers offer courses for the 2nd and 3rd year students for the semester and the syllabus is designed accordingly to suit the requirement of the job market. Apart from the regular classes, students are also provided the industry related training for 15 days or weekly based on the student's requirements. Gradually the trainers were taken on rolls and on full time job in order to spare more time and focus for the training and imparting skills. The impact of this shown a gradual increase in the placements due to persistent efforts in preparing and training the students for employability. Most of our students before they graduate, get job offers from companies of repute like, Cap-Gemini, Tata Consultancy Services, Amazon, Salesforce, Wipro and several others.

There are several students who opt for the internship; however, the students don't have a clear idea of how to get the internship and the various assessment processes. Hence, the Student Skill Development Cell assist such students to go through the process and help them to attend and clear the interview. Some of our graduates prefer going for the higher studies in the foreign universities, however, they cannot afford to go without the scholarship. Hence, they need to appear for various test like GRE, TOFEL, PTE, IELTS etc, the trainers also extend helping hand and personal guidance to the desired students for achieving success in the test. The cell also extends its reach to the staff and faculty in aiding to improve their communication and connect with the industry for fetching a professional internship during the semester breaks. Since the Student Skill Development Cell also offers the assistance to the faculty/staff it is named as Career Development Cell (CDC) in the year 2017. The cell is headed by a senior faculty in the capacity associate dean of the institute. The Career development cell focuses on gathering the requirement of students, staff and faculty through various surveys and identify the gaps and offer suitable services for enhancing the competencies of the concerned.

Teaching Learning Process

Curricula and syllabus for each of the Programmes as approved by the University

Curricula and syllabus for each of the Programmes as approved by the University is available at: <https://tkrec.ac.in/regulation-syllabus/>

Academic Calendar of the College

Academic Calendar of the College is available at: <https://tkrec.ac.in/academic-regulations-2/>

Academic Time Table with the name of the Faculty members handling the Course

Department Wise Academic Time Tables are available at:

Department of CSE: <https://tkrec.ac.in/wp-content/uploads/2022/05/CSE-Time-Table.pdf>

Department of IT: <https://tkrec.ac.in/wp-content/uploads/2022/05/2021-22-IT-Time->

[Table.pdf](#)

Department of ECE: <https://tkrec.ac.in/wp-content/uploads/2022/05/ECE-Time-Table.pdf>

Department of EEE: <https://tkrec.ac.in/wp-content/uploads/2022/05/2021-2022-EEE-II-SEM-TIME-TABLE.pdf>

Department of CE: <https://tkrec.ac.in/wp-content/uploads/2022/05/CE-II-SEM-2021-22-Time-Table.pdf>

Department of MBA: <https://tkrec.ac.in/wp-content/uploads/2022/05/MBA-work-load-2021-2022.pdf>

Department of H & S: <https://tkrec.ac.in/wp-content/uploads/2022/05/H-S-Time-Table.pdf>

Teaching Load of each Faculty

Department Wise Teaching Loads are available at:

Department of CSE: <https://tkrec.ac.in/wp-content/uploads/2022/05/CSE-Work-Load.pdf>

Department of IT: <https://tkrec.ac.in/wp-content/uploads/2022/05/IT-Work-Load.pdf>

Department of ECE: <https://tkrec.ac.in/wp-content/uploads/2022/05/ECE-Work-Load.pdf>

Department of EEE: <https://tkrec.ac.in/wp-content/uploads/2022/05/EEE-Work-Load.pdf>

Department of H&S: <https://tkrec.ac.in/wp-content/uploads/2022/05/H-S-Work-Load.pdf>

Department of CE: <https://tkrec.ac.in/wp-content/uploads/2022/05/CE-II-SEM-2021-22-Time-Table.pdf>

Department of MBA: <https://tkrec.ac.in/wp-content/uploads/2022/05/MBA-work-load-2021-2022.pdf>

Internal Continuous Evaluation System and place

ASSESSMENT

Assessment Tools

The academic performance of a student shall be evaluated course-wise by using the assessment tools as mentioned below:

Table: Assessment Tools for Regular Courses

Type of Course	Assessment Tools									
	CIE Marks (25% Weightage)							SEE Marks (75% Weightage)		
	CAT1		CAT2		AAT		CIE Total	SEE		SEE Total
	T	P	T	P	T	P		T	P	
Integrated Course	30	10	30	10	15	5	100	75	25	100
Theory Course	40	-	40	-	20	-	100	100	-	100
Practical Course	-	40	-	40	-	20	100	-	100	100

T: Theory; P: Practice

Table: Assessment Tools for Internship/Mini-Project/Project Work (Phase-I)

Type of Course	Assessment Tools				
	CIE Marks (100% Weightage)				SEE Marks (70% Weightage)
	Review 1	Review 2	Review 3	Total	SEE
Internship	30	30	40	100	-
Mini-Project	30	30	40	100	-
Project Work (Phase – I)	30	30	40	100	-
Project Work (Phase – II)	30	30	40	100	100

The assessment of Internship/Mini-Project/Project Work (Phase-I)/Project Work (Phase-II) is done through a well-defined rubrics.

The assessment of audit courses (non-credit) is through semester end examination for 100 marks. **Passing Standards**

The passing criterion for various courses is mentioned below:

Regular courses like theory, practical, design, drawing and project work (phase-II): A student shall be deemed to have satisfied the minimum requirements of passing a course and earning the credits allotted to it if she/he secures not less than 35% of marks in SEE and 40% of marks in the sum total of the CIE and SEE.

Integrated courses: A student shall be deemed to have satisfied the minimum requirements of passing a course and earning the credits allotted to it if she/he secures not less than 35% of marks in each of the theory and practical components of SEE and 40% of marks in the sum total of the CIE and SEE.

Mini-project, internship, and project work (phase-I): A student shall be deemed to have satisfied the minimum requirements of passing a course and earning the credits allotted to it if she/he secures not less than 40% of marks.

Audit Courses (Non-credit): A student shall be deemed to have satisfied the minimum requirements of passing a course if she/he secures not less than 40% of marks in SEE.

Students are eligible to apply for re-evaluation if he/she fails in any particular course.

Students' assessment of Faculty, System in place

FEEDBACK ON FACULTY

Feedback on all courses will be collected through online from the students twice in a semester. The first feedback will be collected at the middle of the semester i.e., before first midterm examinations and the second will be collected at the end of the semester. During the first feedback a questionnaire consisting of 5 parameters is adopted and a 10 parameter questionnaire along with feedback on course outcomes is taken at the second feedback.

Each parameter is measured based on the rating assigned to it i.e., 5 for Excellent, 4 for Very Good, 3 for Good, 2 for Fair and 1 for Poor. Each parameter average is measured by calculating the average number of students given against each rating. Final feedback of a faculty is measured considering the average rating given against each parameter.

Five Parameters used to collect the Feedback at the mid of the semester:

- a. Has the Instructor clearly stated the Learning Outcomes of the course?
- b. Was the class controlled and discipline maintained?
- c. How effective are the communication skills of the Faculty?
- d. Was the Instructor enthusiastic about teaching the class and invited questions and comments from students?
- e. Has the Instructor related course material to real life situations?

Ten parameters used to collect the feedback at the end of the semester:

- a. Was the class controlled and discipline maintained?
- b. How effective were the communication skills.
- c. Provides up-to-date information on the topic(s).
- d. Did the faculty use real world examples and cases?
- e. Was the class interactive and doubts were clarified.
- f. How was the presentation style of the faculty?
- g. Encourages students to solve complex problems in the class.
- h. Makes objective and impartial evaluation of assessments.
- i. Sincerity and commitment towards academic work.
- J. Approachable after class hours for discussion and advice.

Student Participation Percentage:

On an average 80% of the students will be participating in the feedback process.

Feedback analysis Process and Corrective Measures:

The collected feedback will be analyzed based on the rating given against each parameter of evaluation. Based on the final average of the feedback, corrective measures are taken by:

1. Interacting HOD with the faculty to identify the reasons for not performing well.
2. Providing further guidance in the subject by available senior faculty/other faculty who taught the same subject.
3. Deputing faculty to FDPs if required.

Faculty who get better feedback will be rewarded by giving more weightage in faculty annual self-appraisal for the consideration of the increment

For each Post Graduate Courses give the following:

- *Title of the Course*
- *Curricula and Syllabi*
- *Laboratory facilities exclusive to the Post Graduate Course*

Curricula and Syllabi

SN o	Title of the Course	Curricula and Syllabi
1.	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	https://tkrec.ac.in/autonomous-syllabus/
2.	PG – MBA – MASTER OF BUSINESS ADMINISTRATION	https://tkrec.ac.in/autonomous-syllabus/

Laboratory facilities exclusive to the Post Graduate Course

SNo.	Room No.	Details	Carpet area (in sqm)
1		PG-CSE- LAB-1	
2		RESEARCH LAB-1	
3		RESEARCH LAB-2	

Special Purpose

Software, all design tools incase

S No	DEPT	Name of the Software	License for No. Users	Cost	Software Type
1.	CSE	Python			Open source
2.	CSE	Java JDK			Open source
3.	CSE	Net Beans			Open source
4.	CSE	Weka Tool			Open source
5.	CSE	Pentaho Data Integration			Open source
6.	CSE	MySQL			Open source
7.	CSE	Xampp Server			Open source
8.	CSE	Virtual Box			Open source
9.	CSE	GCC (Compiler)			Open source
10.	CSE	Notepad ++			Open source
11.	CSE	Arduino ide			Open source
12.	CSE	Cloud Foundry			Open source
13.	CSE	Eucalyptus			Open source
14.	CSE	Eclipse			Open source
15.	CSE	Hadoop			Open source

16.	CSE	Cloud Era			Open source
17.	CSE	Hive			Open source
18.	CSE	Android Studio			Open source
19.	CSE	Keras			Open source
20.	CSE	Openstack			Open source
21.	CSE	PyCharm			Open source
22.	CSE	Pytorch			Open source
23.	CSE	R Studio			Open source
24.	CSE	Ruby Software			Open source
25.	CSE	Tensor Flow			Open source
26.	CSE	Apache Tomcat Web Server			Open source
27.	CSE	IBM Rational Rose Architect			Open source
28.	CSE	Dev C++ , Turbo C			Open source
29.	CSE	Anaconda			Open source
30.	CIVIL	AUTO CAD			Open source
31.	ECE	Cadence Tools	20 Users	₹8,22,475.00	Licensed
32.	ECE	MULTISIM SOFTWARE (NI)	60	₹ 7,14,286.00	Perpetual
33.	ECE	MASAM			Open source
34.	ECE	XILINK SOFTWARE	1	₹48,360.00	Perpetual
35.	EEE	MATLAB	25 Users	₹ 7,62,522.00	Perpetual
36.	H & S	Globarena (English Communication software)	61	₹88,000.00	Perpetual
37.	ECE	MASAM			Open source
38.	ECE/EEE	SDCC GCC SDCC compiler for 8051 controllers			Open source
39.	ECE	Xcircuit			Open source
40.	CSE/IT	GNU/LINUX			Open source
41.	CE/EEE	KiCad			Open source
42.	ECE/EEE	Scilab			Open source
43.	ECE	ngspice			Open source

Academic Calendar and framework

Academic Calendar of Teegala Krishna Reddy Engineering College are available at:

<https://tkrec.ac.in/academic-calender/>

Academic Calendar frame work:

FIRST SEMESTER (22 weeks)	Instruction Period	:16 weeks	18 weeks
	Mid Semester Tests	:2 weeks	
	Preparation & Practical Examinations		1 week
	External Examinations		3 weeks
Semester Break			1 week
SECOND SEMESTER (22 weeks)	Instruction Period	:16 weeks	18 weeks
	Mid Semester Tests	:2 weeks	
	Preparation & Practical Examinations		1 week
	External Examinations		3 weeks
Summer Vacation			4 weeks

16. Enrollment and Placement details of students in the last 3years

SNo	Course	No. of Students Admitted			No. of Placement Offers		
		2021-2022	2020-2021	2019-2020	2021-2022	2020-2021	2019-2020
1	UG - B.Tech. - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	64	NA	NA	0	0	0
2	UG - B.Tech. - CIVIL ENGINEERING	03	24	83	16	3	3
3	UG - B.Tech. -COMPUTER SCIENCE AND DESIGN	41	NA	NA	0	0	0
4	UG - B.Tech. - COMPUTER SCIENCE AND ENGINEERING	259	179	192	473	312	216
5	UG-B.Tech.-ELECTRONICSAND COMMUNICATIONENGINEERING	258	189	181	392	221	200
6	UG - B.Tech. - ELECTRICAL AND ELECTRONICS ENGINEERING	11	18	61	92	43	39
7	UG - B.Tech. - INFORMATION TECHNOLOGY	64	49	45	171	128	80
8	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	03	02	04	0	0	03
9	PG-MBA-MASTEROFBUSINESS ADMINISTRATION	44	35	36	16	12	34

17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received
- Publications (if any) out of research in last three years out of masters projects
- Industry Linkage
 - MoUs with Industries (minimum 3(10))

Publications (if any) out of research in last three years out of masters projects

S.No	Title of the paper	Authors	Name of Journal
1.	New Model Of Enhanced Plasticity For Reinforced Concrete Structural Elements That Take Into Account The Effects Of Lateral Loading And Gravity	P Venkat Ram Reddy Associate Professor & H O D Dr Ajay Swaroop	Solid state technology Vol: 63, ISSN: 0038111, ISSUE: 6 Publication Year: 2020
2.	Comparison of Non-Earthquake and Earthquake Resistant framed structures	Mohd Muneeruddin Khan Assistant Profesor, Ravali Reddy & K. Navya Sree	International Journal of Technical Innovation in Modern Engineering and Science(IJTIMES) ISSN : 2455-2585, Volume 5, Issue : 04, April 2019. Page 1024 to 1026 (169)
3.	Stilt Floor and its Impact on Safety of Building	Mohammed Muneeruddin Khan Assistant Profesor,	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 08 Issue: 10 , Oct 2021, page 1169 to 1172.
4.	Structural damage at Florida Cando Complex – An Overview	Mohammed Muneeruddin Khan Assistant Profesor,	International Journal for Research in Applied Science and Engineering Technology(IJRASET) ISSN: 2321-9653
5.	Quantitative analysis of minor irrigation projects using Geo spatial techniques	V.Ramu Assistant Profesor,	International journal of scientific research and development
6.	Study On Gis Based Urban Transportation System: Case Study Of Hyderabad	T.Pavan Kumar Assistant Profesor,, Dr. K. M. Lakshmana Rao	Journal of Engineering Science Vol 12, Issue 05, MAY/2021 ISSN NO:0377-9254
7.	Study On Issues And Findings In Transportation Of Hyderabad Urban Areas - Gis Survey	T.Pavan Kumar Assistant Profesor,, Dr. K. M. Lakshmana Rao	Journal Of Resource Management And Technology Vol12, Issue3, 2021 Issn No: 0745-6999

S.No	Title of the paper	Authors	Name of Journal
8.	Assessment of GHG Emissions from Sardar-Sarovar Reservoir in India using GHG Risk Assessment Tool	Alety Shivakrishna Assistant Profesor, Telluri Pavan Kumar Assistant Profesor , A Sandeep Goud	TEST Engineering & Management March-April 2020 ISSN: 0193-4120 Page No. 603 - 609
9.	A Review on Mathematical Programming Formulations for Transportation and Land Use Models	T.Pavan Kumar Assistant Profesor, Dr. K. M. Lakshmana Rao	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 10, October 2021:4252-4268
10.	Experimental Studies On Strength Behaviour Of Natural Fibers Incorporated Geopolymer Concrete	C.Bala Rama Krishna, P.Chaitanya Assistant Profesor, R.Vaishnava Kumar, S.Srikanth Reddy	Vidya bharti international interdisciplinary Research Journal
11.	Analysis of Employee Attrition using for Machine Learning Techniques	Sadineni Sanjeetha M.Tech student Ch.V. Phani Krishna Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 28-31
12.	ANALYSIS OF HEART DISEASE USING MACHINE LEARNING TECHNIQUES	Samson Cherlapally M.Tech Student K.Srilatha Reddy Assistant Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 32-37
13.	Analysis of Bitcoin Prices using Deep Learning Techniques	P Ravindhar Reddy M.Tech Student N Venkatadri Assistant Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 23-27
14.	Deep Neural Networks Techniques using for Learning Automata Based Incremental Learning Method	C. Swetha Reddy M.Tech Student Sarangam Kodati Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 69-73
15.	IOT BASED HOME SECURITY AND AUTOMATION USING GOOGLE ASSISTANT	E.Shirishal M.Tech Student K.M.V Madan Kumar Professor G.Swarnalatha M.Tech Student	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 117-122
16.	Detect and Classify the Unpredictable Cyber-Attacks by using DNN Model	G. Swarnalatha M.Tech Student Rajaram Jatothu Professor E. Shirisha M.Tech Student	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 74-81

17.	Detection and analysis of Brain Tumor from MRI by Fully Convolutional Neural Network method	T. Sandhya Rani M.Tech Student Vadivelan Natarajan Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 82-86
18.	Performance Analysis of Diabetes Mellitus Using Machine Learning Techniques	Kandala Srujana Kumari M.Tech Student K.Bhargavi Associate Professor	Turkish Journal of Computer and Mathematics Education Vol.12 No.6(2021), 225-230

Industry Linkage

1. MassMutual
2. Google Readiness Program
3. Github Campus Program
4. BSNL-Regional Telecom Training Centre
5. NIAR-National Institute of Amateur Radio
6. Doordarshan Kendra
7. National Instruments
8. ViSolutions
9. Orient Cements
10. UltraTech Cements
11. PRECA Solutions India Pvt.Ltd.
12. Santhosh buildwell Infra Pvt.Ltd.
13. S.R.Technologies
14. Dreams Structural and Geo-technical Consultants
15. Adepto Geo-Infomatics Pvt.Ltd.
16. Pruthvi Adithya Infra-tech Pvt.Ltd.
17. Managalam Consultancy Services
18. NVLN Constructions Pvt.Ltd.
19. Ramco Cements
20. Dr.Fixit

MoUs with Industries (minimum3)

S.No	Name of the industry	Date	Expected Outcome
1.	IGBC	30-05-2019	Enables The Designer To Apply Green Concepts And Reduce Environmental Impacts That Are Measurable.
2.	National Academy Of Construction	18-11-2019	Conducts Trainings For Unemployed Youth, Workers, Tradesmen, Construction Engineers, Contractors, Managers, Supervisors And Technicians To Develop Skill And Inculcate Professionalism.
3.	IGBC	22-09-2020	Enables The Designer To Apply Green Concepts And Reduce Environmental Impacts That Are Measurable.
4.	IGBC	08-06-2021	Enables The Designer To Apply Green Concepts And Reduce Environmental Impacts That Are Measurable.
5.	National Academy Of Construction	23-04-2022	Conducts Trainings For Unemployed Youth, Workers, Tradesmen, Construction Engineers, Contractors, Managers, Supervisors And Technicians To Develop Skill And Inculcate Professionalism.
6.	AIML Analytics	04-02-21	Technical trainings, internships, technical workshops ,joint Research projects/prototypes, R&D cell establishment
7.	Ambest Technologies	08-07-19	Industrial trainings, internships, skill development programs, guest lectures, faculty development programs
8.	Matchwell Technologies	30-06-19	Technical trainings, internships, technical workshops, Guest lectures
9.	AIML Analytics	2021	Students projects and workshops.
10.	TASK	28/6/2018	Training and placements and workshops
11.	Internshala	26/4/2018	Internships
12.	Astute Business Solutions Pvt Ltd	21/6/2017	Students internships with their internal applications and developments
13.	Edugrad	5/10/2018	Placements
14.	SkillDzire technologies Pvt.Ltd.	11/11/2020	Provides strong platform in R&D for the students
15.	AND University of Bridgeport	02/03/2020	Provides strong platform in Research& Developmentforthestudentandfaculty

16.	Electronics & ICT Academy NIT, Warangal	06/01/2020	Improving the quality of faculty thereby improving the quality of students there by making industry ready and employable
17.	Electromation technology	Aug 2018 to June 2021	Conducting electrical technical training programs to students
18.	Neptune education consultants Pvt.Ltd	July 2018 to June 2020	Expose the candidate to a real life recruitment process used by companies in terms of freshers or campus recruitment
19.	Master minds technical solutions	June 2017 to May 2019	Contract Research, Joint Development, Research Projects mutually agreed other chosen partners
20.	Surya tech solutions	June 2016 to 2018	Student Internships / fellowships, Sponsored R&D, Student training through Continuing Education program and Providing Associated certifications to the Students
21.	Creative Eye	Oct 2015 to 2017	Collaborative Research and Consultancy.
22.	Virtual Developers	Nov 2014 to 2016	1. Capability Development, Workshops, Conclave, Seminars. Creating, developing the necessary laboratories.
23.	RK INFO SOLUTIONS	JAN 2022 - 2025	Projects
24.	AIML ANALYTICS	FEB 2021 - 2023	Internships, Workshops, Research Projects, R& D cell establishment
25.	EDWISELY	SEP 2020- 2025	Internships Training
26.	ASTUTE BUSINESS SOLUTIONS	JAN 2019- 2021	Projects
27.	BRIDGEPORT	MARCH 2020-2023	FDP'S, Research
28.	TASK	2018	Training Placements & Workshops
29.	INTERNSHALA	2018	Internships
30.	STUDENTS ERA	2018	Online Free Courses
31.	INN TECHNOLOGIES	2018	Internships

18. LoA and subsequent EoA till the current Academic Year

LoA and subsequent EoA till the current Academic Year are available at: <https://tkrec.ac.in/aicte-approvals-2/>

19. Accounted audited statement for the last three years

Accounted audited statement details are available at:

<https://tkrec.ac.in/mandatory-disclosure/>

20. Best Practices adopted, if any

I. Centre for Innovation and Entrepreneurship(CIE)

The entrepreneurship and startup culture are the trend and the government of India has given a huge thrust promoting the culture of innovation and incubation at the higher educational institutions in general and Engineering Colleges in particular. Taking a cue from this the college initiated promoting the culture of innovation and incubation among its students. Accordingly, the college has established a Center for Innovation and Entrepreneurship (CIE) to promote and support the spirit of entrepreneurship among the graduated and graduating students.

Entrepreneurship education imparts qualities at individual level such as self-motivation and financial responsibility. In addition, this kind of education empowers people to have self-discipline since entrepreneurship involves taking well calculated risks. People who have gone through this kind of training are able to recognize opportunities. Entrepreneurship education also encourages innovation in the running of organizations. Teaching people innovative ways to make a living enables them to take control of their circumstances. In Tanzania, for example, entrepreneurship education is being used as a tool to empower women. Technically trained women, for example, struggle to find employment in a male dominated domain. The education is aimed at improving their self-confidence and giving them a chance at becoming self-reliant so that they are not totally dependent on employment. This form of education also builds up self-awareness.

The CIE wishes to facilitate the creation of ideas and inventions that benefit society. To this end, CIE has established an Incubation center and adopted this Incubation Policy to provide guidance and management structure to facilitate the development of entrepreneurship. Primarily the aim of this training is to enable creation of employment as unemployment is a rampant problem in many societies. Entrepreneurship education aims at empowering people to create employment opportunities. Small and Medium Enterprises account for half the private workforce in India. Most people seeking employment depend on entrepreneurs to embark on new ventures and hire them.

Entrepreneurship Activities on campus

Various Activities were organized regularly to encourage and support students and faculty members.

Frequency of the activities are weekly, monthly and annually.

1. Entrepreneurship Talk series
2. Entrepreneurship Awareness camps
3. Ideation camp
4. Business Development Bootcamps
5. Visit to startups
6. Faculty development workshops

7. Establishment of Entrepreneurship development cell

I. Few start-ups that emerged here and the journey of entrepreneurship continues very promisingly. The college is hopeful to take this initiative in a big way with the support of EDI, MSME, and Government of India.

II. Student Skill Development Cell

Many of the students enter the portals of the institution are from the first-generation families who look for a job immediate as career option after completion of their graduation. The challenge here is that their eligibility for a campus placement opportunity (the industry expects a minimum of 60% marks at both 10th and 12th standards). The college is totally concern about this. In order to facilitate the students to improve their academic performance and communication skills the college felt there is need for continuous skill building activity. Accordingly, a dedicated student skill development cell was established in the year 2016. The main objective of the Skill Development Cell is to bridge the gap between academia and industry and train the students on the required skill sets. Students are trained on employability skills to suit the requirement of the industry.

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There are several students who opt for the internship, however, the students don't have a clear idea of how to get the internship and the various assessment processes. Hence, the Student Skill Development Cell assist such students to go through the process and help them to attend and clear the interview. Some of our graduates prefer going for the higher studies in the foreign universities, however, they cannot afford to go without the scholarship. Hence, they need to appear for various test like GRE, TOFEL, PTE, IELTS etc, the trainers also extend helping hand and personal guidance to the desired students for achieving success in the test. The cell also extends its reach to the staff and faculty in aiding to improve their communication and connect with the industry for fetching a

professional internship during the semester breaks.

III. Innovative Teaching to achieve Program Outcomes

Innovative teaching is necessity for all teachers in order to meet the educational needs of the new generations. The purpose of education is not just making a student literate, but adds rationale thinking, knowledge, ability and self-sufficiency. The college practices Outcomes-based Education (OBE) approach in all aspect of TLP. Faculty members of the college use innovative teaching methods and techniques to fulfill the needs of OBE system. Some pedagogical initiatives used include role-playing, case studies, group projects, think-pair-share, peer teaching, debates, Just-in-Time Teaching, and short demonstrations followed by class discussion. The primary purpose of this practice being followed is to practice Student Centric Learning and strengthen technical Skills through Course-end projects and interdisciplinary projects and usage of Technology in teaching learning practices.

I. Active learning has enhanced the team spirit, learning capabilities and technical skills of the student. It created an environment to think more about technology, research and societal problems and find a solution for the problems around them, which also created a responsibility towards addressing the societal problems. Many of the students are part of research projects leading to patents, publications, startup ideas and few startups are initiated in the campus related to day- to-day student life problems. The proactive involvement in course-based projects enhanced the team spirit and motivated towards participation in National and State level competitions as well. The students' success rate improved and this is reflected in quality and statistics of the placements. The employer's feedback is a clear testimony of this claim. The students opting for international studies are able to come up with good grades and involve in research because of the self and interactive learning aptitude.

Online Student Feedback System

The college has a robust Online Student Feedback System (OSFS). OSFS is a web application which provides a base to conduct student's feedback online. Transparency and precision are the hallmarks of this system without any room for tampering. Feedback from students allows the institution to evaluate how its service provision is viewed by its most important stakeholders. This system was initiated to override the problems that the students face in the institution. The students, in a convenient, consistent and anonymous manner can submit their feedback about the faculty, the facilities and the courses offered to them during their period of their study. This system approaches all about institutional and educational practices and processes that are taken into consideration and the student's concerns of the level of the knowledge they receive. This procedure ensures that there is a good and cordial relationship between the students learning environment and the teachers.

This has been very effective in identifying the issues related to curriculum and facilities successfully.

The results of the student feedback process, as well as the recommendations and the action taken are important considerations for the program review which each department is required to undertake. Online Feedback System has been instrumental in gathering the required information from students about the faculty, facilities and courses. It has also been an effective quality checking device that provides scope for improvement in various sections, thus enabling a positive learning environment for the students.

However, a few problems have been encountered which are divergent in terms of gathering productive feedback. In some instances, a few students were found to be deviating from what was required of them and in few other cases of students are not providing exact feedback and also showing low levels of interest were also registered. Overall this system implemented with great transparency and feedback taken was reviewed seriously and necessary corrective actions were also taken for improvement.