



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY AND SCIENCES

**DEVARAJUGATTU VILLAGE, PEDDARAVEEDU MANDAL, PRAKASAM
DISTRICT**

523320

www.kits-anna.com

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

1.1 INTRODUCTION

Krishna Chaitanya Institute of Technology and Sciences was established in the year 2008 by Sri Anna Venkata Rambabu, who desired of providing quality education to the rural and semi urban students. Sri Anna Krishna Chaitanya, Hon'ble Secretary & Correspondent, has shaped the institution to achieve academic excellence. He is a great motivator and inspiration to young technocrats with updated administrative and technological views.

Krishna Chaitanya Institute of Technology and Sciences built adequate buildings with a built-up area of 23474 Sq.mts in its area of 17.93 acres of beautiful, lush green and serene land, very close to Markapur town. The management has not compromised in bringing out such a monumental infrastructure in this remote area, to provide sufficient Instructional areas, state-of-the-art library and Information Center, Laboratories, Skill Development Centers and other amenities.

The institution is approved by AICTE, New Delhi on 30th August 2008 and the government of Andhra Pradesh. The institution is affiliated to Jawaharlal Nehru Technological University, Kakinada. It is also certified by ISO 9001-2015.

Currently the institute is offering only UG-B.Tech courses with the annual intake of 420 (ECE-90, CSE-180, CIVIL-30, AI&ML-60 and CSE(AI)-60) for the current Academic Year 2022-23. The institution has introduced new programme in CSE with specialization in Artificial Intelligence & Machine Learning from the academic year 2021-22 onwards and CSE(AI) from 2022-23 onwards. The College was the first Engineering college to get NAAC accreditation in Western Prakasam, Andhra Pradesh. The transparent policies and mechanisms of the college paved the way to have more qualified,

experienced, and competent Faculty to serve the student community. The institute provides requisite facilities and infrastructure for students and staff.

The institution has strong industry-academia collaborations with the organizations like APSSDC (Andhra Pradesh State Skill Development Corporation) and many more for skilling programmes. We have been unremittingly in the process of improving the quality of teaching by executing various activities like seminars by eminent personalities, language development and training in softskills and communication skills. Our main motto is student discipline, and by enthusing the students to participate in extracurricular activities like sports, NSS on par with their academics.

Vision

Vision

To emerge as a premiere institution for engineering education and research, and serve as resource center for the

industry and society.

Mission

Mission

1. Imparting technical education to students in a caring and learning environment so that they blossom as globally competent technocrats who respect and value their culture and contribute to national development.
2. Providing cutting edge academic and research facilities so as to chisel the students to fit them into a technically challenging future, instilling positive, productive thoughts that will enable them to walk in the road of success.
3. Facilitate the use modern pedagogy and ICT for improving the teaching-learning process and to involve students and faculty in innovative research projects linked with industry, academic and research institutions in India and abroad.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strengths

- Focused Vision & Mission.
- Well developed spacious infrastructure with Pollution free learning environment in 17.93 acres with 23474 sq. meters build up area.
- Qualified and well experienced faculty & staff.
- Quality of students admitted.
- Good academic culture, ambience and working environment leading to high students and faculty satisfaction.
- Management supports faculty qualifications up gradation and good academic practices.
- The administrative and management policies & controls are well established and operate effectively.
- Good number of Campus placements for the students and career counseling for students is well organized and structured.
- Mentor system with regular monitoring of attendance of students and their performance in examinations.
- Gold medal received from JNTUK by our mechanical student Singapogu Chinna Babu (15JU1A0340) on his academic excellence.
- Exclusive Girls Hostel in MARKAPUR town separately
- College has Bus transportation facility with the radius of 50 kilometers surrounding the college with 18 buses.
- 100 Mbps Internet with Wi-Fi facility.
- About latest 490 PCs with UPS in use across the campus
- Seminar halls for various departments with ICT facilities and digital smart boards.
- Communication Skills Lab with high end systems and software.
- Central Library with 2553 titles and 16815 books and subscription for National and International

journals and Digital Library.

- APITA Skill development center in association with Govt. of Andhra Pradesh, and TCSiON digital center.

Institutional Weakness

Institutional Weaknesses

- Less number of faculty with Ph.D.
- R & D and consultancy activities are limited and research culture needs to be strengthened.
- Moderate number of publications by faculty.
- Less Industry Institute Interaction
- Lack of enthusiasm even among meritorious students to pursue higher studies.
- Students from rural areas at their entry level struggle to meet global standards due to the lack of communication skills in English.

Institutional Opportunity

Institutional Opportunities

- The faculty and students are provided opportunity to attend guest lectures, training programmes and interaction with eminent personalities.
- The Institute being in the rural area has lot of scope in serving the society through community programs APSSDC skill Development centre.
- Always introducing New Programmes. (For example Artificial Intelligence and Machine Learning is introduced in 2021-22 academic year and CSE(AI) IN 2022-23)
- Scope for expanding base of Alumni network for academic as well as placement activities.

Institutional Challenge

Institutional Challenges

- To receive research grants from external agencies.
- To get NBA accreditation for all departments
- To increase Institute's visibility at state and National level
- To make 100% students employable for reputed Industry
- To motivate faculty for New Product Development/ Research/R&D/Innovation
- To attract eminent researchers & academicians in Campus
- Student's skill need to be enhanced through additional measures as per the continuous changing requirements of the industry.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Krishna Chaitanya Institute of Technology & Sciences, Devarajugattu, Peddaraveedu Mandal (KCIT) is an affiliated college adheres to the curriculum prescribed by the Jawaharlal Nehru Technological University Kakinada (JNTUK). The Institute delivers the curriculum according to institutional academic calendar which is prepared in accordance with academic calendar of the affiliated university. The institute also caters the needs of the students with regarding add-on programs, value added Courses and Certificate courses to bridge the gap between curriculum and the industry needs.

The institute's Vision, Mission, Department Vision ,Mission, PEOs, POs, PSOs and COs are exhibited at appropriate locations so as to reach the stakeholders. The Institute has strategic planning for effective implementation of the curriculum by focusing ICT based delivery. Besides, the activity is made comprising curricular, co-curricular and extra-curricular activities. Every faculty member with proper planning does the course contents, course outcomes and identification of curriculum gaps that are based on pre-defined POs and COs keeping in line with the vision and mission of the institute. The academic flexibility is provided to the students by offering various elective courses. The final year students undergo field projects and internships every year.

The faculty members are encouraged to take part in Faculty Development Programs (FDPs), Seminars and Workshops organized by various institutions/organizations. The institution invites experts from the established Organizations in order to conduct various skill development training programs for the benefit of the students as well as the faculty. For the improvement of the quality, the feedback is collected frequently from all the stakeholders like students, parents, alumni and employers about the academic performance and completion of the syllabus.

The faculty members are instructed to prepare course file at the beginning of the semester and provide the same for the students during the course of the semester. The course file contains Course Outcomes (COs), syllabus, and complete schedule of the topics that are to be covered during the semester period, teaching notes etc., Apart from the above students are encouraged and supported by the Training and Placement cell which undertakes various training programs like CRTs, Job opportunities, and higher studies etc.,

Teaching-learning and Evaluation

Teaching-learning and Evaluation

Krishna Chaitanya Institute of Technology & Sciences (KCIT) adopts and follows all the norms prescribed by JNTUK in enrolling the students in accordance with the seats sanctioned. Students of the reservation category are admitted to the institution based on the regulations framed by the State Government. KCIT organizes Orientation Programs and bridge courses to enable the students to understand the importance of various branches when selecting the branches in first year itself. KCIT is very keen in identifying the advanced, slow learners and frames special programs to enhance their academic skills. Advanced learners are encouraged to attend various technical fests, seminars, workshops, Soft skills and Aptitude. Advanced learners are also

encouraged to go through NPTEL and other related online resources. Slow learners attend remedial classes and their performance is continuously monitored for each subject. KCIT follows the student-faculty ratio as per the norms of the AICTE. To enhance the teaching-learning experiences of the students, they include Experiential, Participative learning and Problem-solving methods. All the classrooms and department seminar halls are equipped with ICT facilities like projectors to provide more effective, efficient teaching and training.

KCIT has a student and mentor ratio of 20:1 as per the norms of affiliated university. All the mentors are very keen in providing moral support to the students in their academics and in personal aspects too if necessary. KCIT maintains 100% fulfilment of posts sanctioned for full-time teachers. Internal Question papers are framed based on the BLOOMS TAXONOMY. All the data pertaining to the pass percentage of the students is maintained in the examination branch. Students are free to bring the grievances pertaining to valuation and results and the same are solved within a day. KCIT conducts internal examinations twice per semester in offline

mode. The major and mini projects done by the students are reviewed twice and technical seminars are reviewed once. KCIT takes utmost care about 100% attainment COs and POs by students of all B.Tech Programs. KCIT conducts online survey of the students regarding teaching, learning process and required measures for improvement are implemented immediately.

Research, Innovations and Extension

Research, Innovations and Extension

KCIT has a well infrastructure with Research and Development Cell and computational amenities to carry out Research & Development activities. Institution has made financial provisions to cater the needs of Research.

The faculties are duly identified and encouraged to participate in various seminars/workshops/Conferences and to keep abreast of latest knowledge and technology. The institution has taken a proactive measure to implement the R&D activities such as Conferences/workshops/faculty development programs during the last five years.

Faculties are provided financial assistance and encouraged to present Papers in conferences and to publish the books. Faculties have published research papers in UGC approved journals during the last five years. Faculties have published books in reputed publications. The Institution encourages faculty members to pursue Ph.D for their career growth and advancement. The institute has good infrastructure facilities in terms of research laboratories and library resources. In order to create research culture among students and faculty Institution has established Entrepreneurship Development Cell through which students interact with successful entrepreneurs. In the past 5 years, a good number of extension activities and outreach programs were conducted through NSS. The institution has several collaborative works in the form of internship, field trip and research activities through department collaborations with industries and professional bodies. The institution has MOUs with the industries which provide research extension activities.

Infrastructure and Learning Resources

Infrastructure and Learning Resources

The Institute has a sprawling area of 17.93 acres with a built up area of about 23474Sq.mt with spacious structures for class rooms, labs, drawing Halls, board room, Faculty cabins, seminar halls for all the Departments, exclusive Training & Placement Cell, Examination Branch, ample space for outdoor and indoor activities, Library and other administrative offices. Almost class rooms have been equipped with ICT facility.

The Institution has state-of-the art Laboratories with sophisticated Infrastructure. As the veritable abode of knowledge, the library houses 2553 titles, 16815 Volumes of books. It has a collection of back volumes, project reports and print journals, magazines, NPTEL material etc. Digital library services unit has 10 advanced computers with a 100 Mbps internet connection.

The Institution has the practice of collecting and maintaining rare books, manuscripts, and special reports or any other knowledge resources to benefit students and faculty for their knowledge enhancement, research and exploring new things apart from the standard books. Details of collection of some of the rare books, manuscripts, competitive examinations books such as IELTS, GATE, GRE etc. are maintained properly. Also, the librarian places orders for all required books as per the needs of the students. Institution has very strong IT infrastructure facilities in terms of hardware, software and regularly updates as per needs. The Institution has massive network of 490 high configured computers with 100Mbps leased internet connectivity to fulfill the academic and research needs. For maintenance of campus facilities, the Institution has framed various committees, who constantly look after the general civil maintenance and up keeping of infrastructure, garden, security and the surroundings of in and around the Campus. Emergency exits and fire fighting system are provided to counter situations like fire hazard and natural calamities. Adequate facilities for outdoor and indoor games. Purified RO Water Plants are catering the needs of all the students, faculty and supporting staff.

Student Support and Progression

Student Support and Progression

Krishna Chaitanya Institute of Technology & Sciences conducts innumerable student support activities which include academic, co-curricular & extracurricular for the academic progress and to have better exposure for students in Higher Education along with Employment. Besides the scholarship provided by the government of Andhra Pradesh, the institute extends financial support to the economically deprived students who are meritorious.

The institute provides guidance for the students to support with regarding the competitive exams like PGCET, GATE, GRE, GMAT, CAT, TOEFL and IELTS. For the overall growth of the students career counseling is also offered and emphasis is laid on slow learners with regarding remedial classes. They are motivated and encouraged as far as soft skills training and advanced communication skills are concerned. The Training and Placement Cell provides opportunities for the students to get placements in various MNCs like WIPRO, INFOSYS, ACCENTURE, TCS,HCL,CAPGEMINI etc.

So as to make the student technically competitive along with communication skills and interview skills, preplacement training with renowned agencies was conducted. There is a transparent mechanism for the redressal of their grievances with regarding anti-raging & sexual harassment. KCIT also conducts Alumni

Association which meets every year and provides guidance to the present students by delivering guest lectures, conducting workshops and arranging seminars and symposiums. All the stakeholders are involved while conducting Technofest, student clubs, Cultural Events and Sports & Games in Inter-college fests organized by nearby colleges.

The institute also celebrates various occasions viz Teachers Day, Independence Day, Republic Day and many other events. The Entrepreneurship Development Cell is working with a sole aim of motivating the students who aspire to be entrepreneur. A number of awards and medals were given for outstanding performance in sports and cultural activities both at state and national level.

Governance, Leadership and Management

Governance, Leadership and Management

Conceptualization of the college took place over 2 years of consultations on vision and mission, choice of study programmes, human resource requirements, networking, fund raising and sustainability.

Decentralization of Decision Making is done at every level: Administrative Officer, Academic incharge, Exam Section incharge, HODs, principal, Secretary & Correspondent and Chairman.

As part of decentralization, representatives of faculty, nonteaching staff and students participate in various Committees of the institution

Management of Financial Resources: Administrative officer and Senior Accountant for budgets and internal audits, external auditors for final audit, an investment firm to manage the investment of any surplus fund.

An IQAC cell formed immediately after becoming autonomous looks after quality aspects in the institute. The IQAC regularly reviews the teaching learning process evaluation and assessment , structure etc. and as a result new courses have been introduced with an aim to enhance not just the quality of placements but also to develop their knowledge, skill sets and overall personality.

Faculty are encouraged to attend faculty development programs, Refresher courses workshops, conferences etc and are financially supported by the way of providing on duty, travelling allowance, registration fee etc. The institute adopts welfare of the staff by providing free meals in the afternoon and free transportation, etc.

Institutional Values and Best Practices

Institutional Values and Best Practices

the institution gives its importance to Human Values and Best Practices. Human values are the foundation of the institute and produce graduates who are, not only technically competent but also personalities with human values. It encourages gender equity and sensitization, conducts socially relevant activities like safety and counseling. The institute adopted eco-friendly practices such as waste management and a plastic-free campus.

For better utilization of natural resources, solar and rainwater harvesting systems are deployed. Rainwater harvesting pits are constructed on the campus to recharge underground water. Rooftop solar power plants and Biogas plant are installed for power generation as an eco-friendly alternative. LED lamps are used across the campus to conserve energy. Building structures are designed with natural lighting and ventilation to minimize the usage of electricity.

The campus is built with lush green grounds and plants & trees. The institution adopts eco-friendly policies to maintain a clean environment on the campus. Solid, liquid, and e-waste is separated and disposed in line with green building standards and managed carefully by using outside agencies. Green practices are adopted to reduce pollution. The institution is very prompt in providing all the facilities like ramps, washrooms, display

boards, and human assistance to physically challenged persons. The college has a prescribed code of conduct for students, teachers which are displayed on the college website and in a hoarding placed inside the campus.

The college maintains harmony and creates goodwill among students organizing various National, International, Commemorative days, events, and festivals with great zeal.

The institute encourages best practices which include (1) Empowering the rural youth through imparting Training programs and (2). Student centric pedagogy with Teaching Learning Methods.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Address	DEVARAJUGATTU VILLAGE, PEDDARAVEEDU MANDAL, PRAKASAM DISTRICT
City	DEVARAJUGATTU VILLAGE PEDDARAVEEDU MANDAL MARKAPUR
State	Andhra Pradesh
Pin	523320
Website	www.kits-anna.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Venna Krishna Reddy	08596-222350	9153019999	08596-222351	principal@kits-anna.com
IQAC / CIQA coordinator	Prasanna Murali Krishna	08596-6281311010	9110579162	08596-222351	PPRASANNAMU RALI@GMAIL.COM

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	09-06-2020	12	
AICTE	View Document	09-06-2020	12	

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	DEVARAJUGATTU VILLAGE, PEDDARAVEEDU MANDAL, PRAKASAM DISTRICT	Rural	17.93	23474

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Intermediate	English	30	0
UG	BTech,Electronics And Communications Engineering	48	Intermediate	English	90	80
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	180
UG	BTech,Artificial Intelligence And Machine Learning	48	Intermediate	English	60	52
UG	BTech,Cse Artificial Intelligence	48	Intermediate	English	60	60
PG	Mtech,Vlsi And Embedded Systems	24	B.Tech	English	18	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	11				26				54			
Recruited	10	1	0	11	23	3	0	26	44	10	0	54
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	11				26				54			
Recruited	10	1	0	11	23	3	0	26	44	10	0	54
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				12
Recruited	11	1	0	12
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				12
Recruited	11	1	0	12
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				22
Recruited	14	8	0	22
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				22
Recruited	14	8	0	22
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	1	0	3	0	0	0	0	0	11
M.Phil.	1	0	0	1	0	0	0	0	0	2
PG	0	0	0	21	3	0	45	9	0	78
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		3	1	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	698	0	0	0	698
	Female	704	0	0	0	704
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	23	22	18	32
	Female	10	10	12	16
	Others	0	0	0	0
ST	Male	0	1	1	0
	Female	3	1	1	2
	Others	0	0	0	0
OBC	Male	76	108	58	50
	Female	64	66	48	37
	Others	0	0	0	0
General	Male	69	94	78	66
	Female	129	105	112	94
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		374	407	328	297

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>The institution actively takes steps to implement the National Education Policy (NEP), which delineates the direction and objectives for education in the country. allowing students to undergo credit-based assessments and credit transfers from NPTEL courses. We adhere to the curriculum of the affiliating university, which includes a greater number of basic sciences and humanities courses. This enables students to choose subjects in a multidisciplinary manner. Our state council of Higher Education (APSCHE) and affiliating University JNTUK have undertaken reforms in recent years by restructuring higher education systems, promoting multidisciplinary education, and fostering research and innovation. These reforms include incorporating community service projects, internships, and skill-oriented labs. KCIT offers undergraduate programs in multiple disciplines like Computer Science & Engineering, Artificial Intelligence & Machine Learning as well as core engineering branches like CIVIL, Electronics & Communication Engineering. We run choice based credit system (CBCS) curriculum affiliated to JNT University, Kakinada (JNTUK). Effective implementation of the Curriculum is done through well-defined teaching learning processes those make use of course planning, maintaining course file, audio visual, online tools for delivering academic contents. The curriculum includes electives, to encourage interdisciplinary approach. We ensure learning outside classroom by arranging co-curricular and extra-curricular activities for the students. The students from different disciplines are encouraged to take up multidisciplinary projects as a part of curriculum and also they are encouraged to participate in various design competitions involving core and non-core disciplines.</p>
2. Academic bank of credits (ABC):	<p>As per guidelines from the regulatory authorities, every university is required to form Academic Bank of Credits system. Being affiliated to JNTUK, the Institute will implement the guidelines regarding Academic Bank of Credits. Presently institute is focusing on creating awareness amongst faculty members and students about National Education Policy (NEP). At present, free and open e-resources for earning credits are introduced to students for various certification courses. Students are earning</p>

	<p>credits through courses as follows: 1) Institute facilitates students with various courses offered from IIT Spoken Tutorials. 2) Students are also getting the benefits of attending free of courses from Coursera 3) NPTEL/SWAYAM platform is available for students to take certification courses from them.</p>
<p>3. Skill development:</p>	<p>Increasing employability is real challenge for the engineering institutes. To address this issue, institute offers various skill development programs as follows. 1) Institute offers five modules of Student Training Programs (STP) for skill development and certification as mentioned below: STP-1: Soft Skills STP-2: Pillars of Communication STP-3: Pillars of Technical Skills STP-4: Research Why & How, Literature Review and Technical Writing STP-5: Value Addition Program 2) Institute offers various life skill development opportunities for the students. 3) Students are facilitated with various skill development programs such as soft skills development, electronic skill development, project management, etc. 4) The institute has established AP Skill Development cell. Through the activities under this cell, the institute is providing value based education to inculcate positivity among the students and faculty.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>In the expansive realm of engineering education, the roots of knowledge delve deep into the ancient soils of India. Students are provided with opportunities to learn about the Indian knowledge system through both the curriculum and extracurricular programmes. A mandatory subjects called “ Indian Traditional Knowledge and Essence of Indian Traditional Knowledge” has been incorporated into the curriculum. It offers insights into our nation's extensive civilization history, complete with recorded accounts, cultural artifacts, and evidence spanning over five millennia. Various NPTEL Courses on IKS are made available for students in the institution. Additionally, programs focused on Yoga and other spiritual studies have significantly influenced material life as well. Institute supports culture supporting activities as follows: 1) Institute encourages students for various social schemes like Swatch Bhaarat Abhiyaan, Village Connect through NSS, NCC etc. for helping local community through organizing different programs. 2) Various days are celebrated such as Dr. Babasaheb Ambedkar Jayanti,</p>

	Teacher's Day, Engineer's Day, Yoga day etc. to make students aware about our cultural values.
5. Focus on Outcome based education (OBE):	We have well defined Program Outcomes (PO), Program Educational outcomes (PEO) and Course Outcomes (CO) on our website and prominent places in the departments. Students are assessed as per OBE attainment model.
6. Distance education/online education:	Effective use of online platforms for education along with conventional teaching is need of the hour. 1) Institute motivates students to get certification for Massive Open Online Courses (MOOCs) such as Coursera, NPTEL, Spoken Tutorial etc., NPTEL is also being one of the compulsory course for some programmes. 2) The Institute made it sure through the use of online platforms like ZOOM, Google Meet, Google Classroom, Microsoft Teams, etc. for classroom teaching. The e-learning material in the form of lecture notes, videos, etc. is shared through these platforms. 3) For conduction of few practical sessions, facilities like Virtual Labs is also used.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	An Electoral Literacy Club (ELC) is a platform to engage graduate students through interesting activities and hands-on experience to sensitize them on their electoral rights and familiarize them with the electoral process of registration and voting. ELCs are also present in colleges and rural communities. An electoral literacy club was established in KCIT, Markapur in 2022 and is operating in conjunction with the National Service Scheme (NSS). Principal is the Chairperson of the Electoral Literacy Club, where as the NSS programme officer coordinates both faculty and students. There should be active participation from all the sections of the students. In addition to that one male student and one female student will be the representatives from the students. On totally 100 students were actively involved in all the activities conducted by ELC in and around of the college. It aims to work with mobilize the students community to know the importance of the vote, rights of the voter and democratic values in the society.

<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Yes. The main goal of the institution is to impart leadership qualities among the students. As a part of this process, KITS, Markapur appointed coordinators for the representation of the students as well as faculty. The appointed candidates were conducted some awareness programmes among the college students to reach its objectives. The college ELC has some common objectives to move on as follow ? To realize vote is the fundamental right for every student who crossed 18 years ? To make it easier for its eligible members to vote who are not already registered. ? To inform the targeted people on the voting process, voter registration ? To educate ethical voting at the time of elections ? To know the values of 'every vote counts' and 'no voter to be left behind,' ? To bring awareness about EVMs at the time of elections</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>KCIT, Markapur has taken many steps to conduct multiple activities under the guidelines of ELC in and around of the college premises. It mainly concentrates on basic rules and regulations regarding election process by the election commission and voting. It brings awareness on the basic features like ? Right to Vote-Pledge ? Right to Vote-awareness in the institution and nearby villages ? Right to Vote-drawing competition ? Right to Vote-poster competition ? Special camps for voter's inclusion and correction ? Special camps for EVM and integrity of the electoral process ? Participation in the parliamentary election duty ? Promotion of ethical voting These are some of the activities done by ELC to have the knowledge about election process among the students.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>KCIT, Markapur has taken many initiations regarding the electoral process through ELC. It organizes many training programmes to the staff of election in the college. It gives technological and human support for the smooth conduction of the elections. In addition to that our students have made some awareness programmes as a part of their Community Service Project. Almost in all the surrounding villages, KITS students have visited and explained about the election process as a part of their project work. During the government programmes also ELC gives its best support to both Government Officials and Mass people. Apart from that college takes its best to the students that compulsory voter registration</p>

	<p>programme for all the engineering students in the college.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>NSS Programme coordinator takes the initiation to enroll who are yet to be registered in the election commission. Representatives from the students will collect all the required documents for applying the vote. College provides its technical assistance as well as man power to the yet to be registered candidates. ELC personally identifies the students who were crossed 18 years of their age and submit the data to NSS Programme officer. It is very common quality that every student gets his/her Right to Vote at the time of studying engineering course in the college itself.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1402	1364	1294	1319	1390

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 166

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
93	101	99	87	86

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
464	417	287	330	346

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Krishna Chaitanya Institute of Technology and Sciences (KCIT) is affiliated to Jawaharlal Nehru Technological University [JNTUK], Kakinada and the Institution Academic Calendar is finalized in alignment with the University Academic calendar.

Preparation of Academic Calendar:

Academic calendar has been prepared after the academic schedule was released by the affiliating University JNTUK, Kakinada. The Academic Committee prepares the Institute academic calendar taking into consideration the guidelines issued by University which include all activities like the conduct of Continuous Internal Evaluation (CIE), End Semester Examination, Value added courses and Placements. This calendar includes the academic details such as schedule for the number of working days, value added courses and workshops etc., To bridge the gap between academic and industry, institution will organize guest lectures by resource personnel / industry personnel, industrial visits, workshops and add on / certificate program as per the schedule in every academic year. This procedure is followed regularly every academic year and documented.

Subject allocation:

Courses are allocated to the faculty members by the Head of the department (HOD) based on their expertise & subject preferences in option form which will be approved by the Principal.

Timetable Preparation:

Timetables are prepared by the Time-Table coordinator in the department which is approved by the head of the department and principal. Class-wise timetables also include time slots for sports, tutorials & library etc. Individual faculty timetables are prepared reflecting his/her complete workload.

Preparation of lesson Plan:

Each faculty member prepares a detailed lesson plan which includes mode of teaching , gaps in the syllabus etc., Lesson Plans (Theory & Practical) are prepared by the concerned subject teachers before the start of every semester.

Preparation of Course file:

Each faculty member prepares the course file which includes the timetable, lecture plan, course outcomes, mapping of course outcomes with program outcomes & program specific outcomes, attainment levels and targets, identified curriculum gaps, corrective actions, unit wise notes, previous question papers weak learners and advanced learners etc., and laboratory manual for practical courses. After the completion of the semester, it is updated with analysis of students' feedback, attainment of COs.

Monitoring classes:

Regular conduct of classes is closely monitored by Class teachers, HODs and Principal and Syllabus coverage in every subject is monitored by class Review Committee

Assessments:

Internal Assessment (30 Marks):

Two MID tests each for 30 marks, assignment for 5 marks, Quiz test for 10 marks and descriptive test for 15 marks (5+ 10+15) are conducted every semester. Out of which best one will be given 80% weightage and 20% weightage will be given for the next one. Final internal assessment will be done for 30 marks.

External Assessment (70 Marks):

The external assessment is based on the semester end examinations conducted by the university. Based on the result, every course is allocated credits by the university and for promotion to next year.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 119

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 56.67

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
935	991	1025	395	490

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 *Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum*

Response:

The Krishna Chaitanya Institute of Technology and Sciences (KCIT) strongly believes that addressing cross cutting issues relevant to Professional Ethics, Gender Sensitization, Environment and Sustainability and Human Values have a direct impact on achieving the sustainable development of the nation. So the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment.

The College has various units like NSS (National Service Scheme) and WEC (Women Empowerment Cell) etc. The coordinators of the above units will plan activities to involve students in various initiatives and issues that are relevant to their courses such as Professional Ethics, Issues on Gender, Human Values and Environment & Sustainability. Every year the institute organizes Gender Equality programs, induction program which includes Universal human values and emphasizing Woman Empowerment, health checkups etc.

The Institute provides lounge room for girl Students with necessary amenities. As a part of Academic Calendar Activities, College organizes programs such as International Women's Day, Blood Donation Camps, Swatch Bharath Abhiyan and Tree-Plantation programs etc. for the promotion of Universal values, Human values, and National Integration.

Professional Ethics and Human Values

The College organizes various Extension activities through NSS Program for the values like National Integrity, Equality, Peace and Patriotism etc. Human values play a big role in Students life to settle for a better future. Professional Ethics and Human values are very relevant subject of today's Environment.

The college conducts various programs on Human rights to bring awareness among students such as Voters day, Swatch Bharat, Health awareness programs etc.

Gender Sensitization:

The College organizes various Programs in Gender sensitivity such as Women's Health, Personality Development, Self-Protection, Yoga Training, Pre-Marriage counseling, Countering Cyber Attacks and Awareness program on Disha app etc... Gender Sensitivity program aimed at sensitization of the

Students, faculty, and staff of the campus regarding the acts, rules, and legal consequences of complaints if any.

Environment and Sustainability:

Nowadays saving the environment is very important and challenging task. The University has included a course on environment and sustainability into the curriculum to make the citizen's of tomorrow to realize their needs.

The following environmental initiatives are implemented by the Institute:

- A Roof-top solar power plant, waste management and biogas plant.
- There are multiple Rain Water Harvesting percolating structures in the campus which keep the ground water charged during rainy season
- Ours is a Plastic-free green campus and implementing Swatch Bharat Abhiyaan.
- Tree plantation and various environment-related awareness seminars are conducted on regular basis to inculcate the importance of the environment to the student community.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 49.22

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 690

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 82.76

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
374	407	328	297	332

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
420	420	420	420	420

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 80.95

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
179	210	173	140	148

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
210	210	210	210	210

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio**2.2.1 Student – Full time Teacher Ratio
(Data for the latest completed academic year)****Response:** 15.08**2.3 Teaching- Learning Process****2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process****Response:**

The Krishna Chaitanya Institute of Technology and Sciences (KCIT) practices a teaching methodology which focuses on imparting education through a student centric approach.

The institute provides a platform for students to develop latest and industrial skills, knowledge, values to shape their behavior in the correct manner. Teachers design lesson plans and methodology in order to achieve specific learning outcomes and Students are motivated to participate in inter college as well as national level competitions. To give students enough information, the faculty employ different methodologies such as experiential learning, participative learning and problem solving.

Experiential learning is used to improve students' entrepreneurial and employability skills. Periodic and timely industrial visits are planned. We promote the usage of online lectures and courses from websites such as MOOCs, NPTEL, Internships, bridge courses, and others by our faculty and students.

Every lab or workshop has the right layout design and is kept up to date in accordance with present technology and academic regulation.

Participative learning is Use power point presentations, Seminars, workshops, technical Quiz and illustration and special lectures. Group discussions and role plays are held as a part of activity-based learning. Task-based interactions are conducted to raise the perception standard and maintain it for future generations. The Wi-Fi facility in the campus ensure everyone has access to all of the expert lectures on the resources for online learning.

Problem Solving Methodologies are processes through which a situation or an issue may be analyzed, and suggestive solutions are implemented by the assignments and quiz, hands on training programs, project based learning. Institute conducts tutorial classes for subjects with numerical problems to improve their problem solving skills.

ICT is one of the most critical tool in enhancing the quality of education as it provides better learning outcomes and based on specific needs of learners, it can be made adaptive. Faculty can leverage ICT for effectively imparting desired skills amongst students. The institute has equipped with projectors in every department class rooms and seminar halls. Teachers use ICT to address the issues related to advance learner and slow learners.

The institute has equipped with NPTEL video lectures and students are encouraged to listen and enroll for NPTEL online courses which would significantly widen their knowledge base and improve their employability. Teacher use these NPTEL materials to supplement their classroom teaching.

The institute is a member of the DELNET. Workshops/Seminars are organized by the departments where teachers and students can register and participate in the activity.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
93	101	99	87	86

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 10.73

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
14	16	9	6	5

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

As KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY AND SCIENCES is affiliated to JNTUK University, Kakinada, it follows the university norms and academic regulations. Internal assessment for theory courses is carried out through two Midterm examinations. Each Mid-term consists of an objective, descriptive and assignment tests. The institution has developed an effective mechanism for efficient and transparent internal evaluation through Exam section. The schedules of Internal and end-semester examinations, submission of assignments, tutorials and conduct of practicals are communicated to students and faculty at the beginning of the semester through the institute/University academic calendar. Time Table & Circular for all Internal Assessments will be circulated to all classrooms & displayed on the department notice board. The syllabus for internal assessment will be communicated to students well in advance.

Assignments will be given to students by the respective faculty for each Mid-term. The Mid-term marks statement is displayed in the notice board before uploading to the university. Internal assessment of the Laboratory based on three parameters - day to day laboratory performance, internal practical examination and maintenance of record. Seminars and projects also transparently assessed. The faculty evaluate the presentation skills of the students during seminars. Departmental level Project Review Committee (PRC) is constituted along with the head of the department, senior faculty and respective guides.

The general grievances expressed by the students with regard to internal examinations are:

- Attendance Problem (Detention & Condonation)
- Examination Time related Issues
- Distribution & Verification of Answer Scripts
- Grievance on Question papers
- Grievance on Evaluation
- Lab Internal marks correction, Seminar Internal marks correction, Project Internal marks correction
- Internal Marks of Audit courses correction Grievances of rejoin students due to lack of credits
- Grievances of rejoin students due to attendance detention

- Malpractice cases
- Mismatch of Electives
- Credits Problem
- Name Correction (Student Father & Mother), Mobile number correction/Updating
- Dissatisfaction regarding evaluation of the descriptive answer scripts
- Technical Problems login and submission of the objective question paper (QUIZ) conducted by the JNTUK university and Wrong options in objective question paper.

Often, some of the issues such as discrepancies in evaluation or totaling, the students bring it to the notice of the faculty that is resolved immediately. In case of discrepancies in the objective question paper, the student takes the screen shot and represents it to the Officer In-Charge of Examinations through the head of the department. The institute follows transparent assessment system by displaying the students' performance in the respective departmental notice boards.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The college follows Outcome-based education through which desired outcomes are achieved in terms of knowledge, skills, attitudes and behavior at the end of a program. Program Outcomes (POs) relate to the skills, knowledge, analytical ability, attitude, and behavior that students acquire through the program.

National Board for Accreditation (NBA) defined 12 POs for Engineering graduates focused on following Graduate attributes:

- Engineering Knowledge
- Problem Analysis
- Design/Development of Solutions
- Conduct Investigations of Complex Problems
- Modern Tool Usage
- The Engineer and Society
- Environment and Sustainability
- Ethics
- Individual and Team Work
- Communication
- Project Management and Finance
- Life-long Learning.

Program Specific Outcomes (PSOs) describe what students are expected to know and be able to do in a specialized area of Engineering after graduation from a program. Hence PSOs are framed for each program offered in the Institution.

Course Outcomes (COs) of a course are the statements describing what the student would be able to do after studying a course. If the COs specified in the syllabus does not cover the essential Bloom's taxonomy levels, the course instructor modifies the CO's.

- POs and PSOs boards are displayed in the corridor of each department, displayed in the college website.
- Course outcomes will be mentioned in each type of Internal Assessment.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Attainment of POs and COs are evaluated. Explain with evidence in a maximum of 500 words

Response:

- For each course, the faculty member handling respective course will identify course outcomes (COs) one per unit and these are mapped with relevant Program Outcomes (POs) on 3 point scale as high, medium & low.
- The consolidated matrix of CO-PO and CO-PSO mapping is done for each program.
- CO attainment for each course is calculated by framing Rubrics for direct and indirect attainments.
- Indirect assessment strategies are implemented by embedding them in the Student Exit Survey, Employer Survey and Alumni Survey.
- PO attainment is done for batch wise/program wise as per Rubrics framed and as per obtained results. Concluding remarks also maintained for future reference.
- Final PO Attainment (%) = (weightage: 80%) x (Average attainment (direct method)) + (weightage:20%) x (Average attainment (indirect method)).

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

Response: 83.61

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
231	298	285	262	266

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
273	332	320	346	334

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:**

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 19.34

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
3.44288	6.40082	3.29832	2.43254	3.76114

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The institution has established an ecosystem for innovation by setting up a Research & Development cell and conducting awareness programmes for both staff and students on Intellectual Property Rights (IPR) to encourage new ideas and innovations. This system also aids in helping individuals comprehend the significance of safeguarding their ideas through avenues such as patents. Furthermore, they have formed a dedicated team to manage and protect these ideas.

In the expansive realm of engineering education, the roots of knowledge delve deep into the ancient soils of India. Students are provided with opportunities to learn about the Indian knowledge system through both the curriculum and extracurricular programmes.

The college possesses a Research & Development cell composed of professors from various departments, overseen by a distinguished and experienced faculty member. The institution's principal and the members of the IIC are responsible for its supervision. Since its inception, the R&D cell has adhered to a

systematic approach and is dedicated to realizing the objectives outlined in its agenda. Its goal is to establish affiliations with a variety of R&D organizations while also fostering a culture of enthusiasm among both staff and students. KITS offers specific initiatives to enhance research activities. The institution has inaugurated an ecosystem for innovation and other endeavors aimed at advancing knowledge.

Students are encouraged to pursue internships for skill improvement. Faculty initiates innovative projects, expos, and promote research through seminars, conferences, and global events. Intellectual property rights support innovation, enabling guest lectures, workshops, and collaborations with other institutions. Regular mentoring of students by faculty aids in comprehending practical challenges through project work and applied research. Students are enticed to engage in extracurricular activities, including theme-based projects which generates technology-based for societal benefit. Special incentives are granted for research publications, patent filings, and student project model development, fostering a culture of innovation.

The College has collaborated with academic institutes, industries and training institutes and made MOU's for the benefit of students. A mandatory subjects called " Indian Traditional Knowledge and Essence of Indian Traditional Knowledge" has been incorporated into the curriculum. It offers insights into our nation's extensive civilization history, complete with recorded accounts, cultural artifacts, and evidence spanning over five millennia. Various NPTEL Courses on IKS are made available for students in the institution. Additionally, programs focused on Yoga and other spiritual studies have significantly influenced material life as well.

Because of all these efforts, the institution has been successful in making new and useful things. You can see the results in the form of new inventions, advanced research, and the actual use of these ideas in the real world. The institution's dedication to supporting innovation through IKS, IPR awareness programmes played a big role in achieving the positive outcomes that benefit society and the economy.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 101

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during

last five years

2022-23	2021-22	2020-21	2019-20	2018-19
23	36	24	10	8

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards**3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years****Response: 1****3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	88	33	25	8

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.12

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
12	4	2	1	1

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The KITS has made its noteworthy contribution to the society and environment by making a participation to promote College-Neighborhood-Community network. Major emphasis is given on student engagement, service orientation and holistic development of students contributing to good citizenship. NSS unit and a team of committed faculty members engage students in the community development programmes. Rural India has been facing uncleanliness, unhygienic, malnutrition conditions. Lack of awareness is noted among the villagers about such problems like health, cleanliness and diseases. Our NSS unit works for solving such social problems. For abatement with deforestation and pollution problem NSS unit focused on tree plantation among villagers.

Annually NSS unit organize health, blood donation camps and Tree Plantation activities etc.,. These activities among students make positively impact on health awareness and personal hygiene. Working together with other individuals, students learn to negotiate, communicate, manage, conflict and lead others. Such programmes sensitize the student volunteers towards the social issues and take challenges of the lesser privileged sections of the society. Involvement in these extension and outreach activities the students develop critical thinking skills and time management. Community Service Projects (CSP) helps the students working outside the college campus and with diversified social groups of peoples to gain

more self-confidence, autonomy, and appreciation for others. These activities help them to become good leaders and well mannered citizens.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

As part of the extension activities, the Krishna Chaitanya Institution of technology & sciences , Markapur organizing/ participating various Community outreach, Socio-Economic & Health awareness programmes and Environmental awareness programmes in the college and neighborhood through the National Service Scheme (NSS). The main aim of this extension work in the college is to create social responsibility among all the stakeholders of the institute to take it closer to the community. The institution has received various awards from Government and Government recognized organizations for the extension activities organized in and around the Institution. These awards include the appreciation certificates from the NANDYAL BLOOD CENTER, YUVA CARE WELFARE SOCIETY ,SPOORTI WELFARE ASSOCIATION, A.P.V.V.P. AREA HOSPITAL- BLOOD BANK, ,BELIEF BLODD BANK,. Government Hospital Volunteers for organizing blood grouping and blood donation camps in the college and in special camps, service awards from Yuva Care Welfare Society(NGO), Spoorthi Welfare Association, Lions Club and Rotary Club. Many faculty also received the felicitation from different organizations for their active role in the extension events. The students of Krishna Chaitanya Institution Technology & Sciences, Markapur have participated in various events like singing, Dance, Role Play at various organizations and won prizes. Some faculty and students also participated in Participation in Azadi ka Amruth Mahotsav celebrated by the government of India. Faculty from all departments had participated & certified in NIPAM- National Intellectual Property Awareness Mission.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 80

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
23	23	23	9	2

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 67

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Krishna Chaitanya Institute Of Technology & Sciences is spread over 17.93 acres of land with built up area of 23474 Sq.mts. The institution has adequate infrastructure and physical facilities for teaching-learning as per the regulations of AICTE and JNTUK Kakinada. The environment is serene, lush green and eco-friendly. The facilities available are mentioned below.

Classrooms: The institution has 33 classrooms, 9 tutorial rooms spacious, well-equipped, well ventilated classrooms with LCD projectors and WI-FI connectivity. Adequate tutorial and smart classrooms are provided.

Laboratories: The Institution raised its infrastructure facilities to 34 laboratories, Computer laboratories have up to-date PCs with installed licensed software as well as open source software. 3:1 Student Computer Ratio is being maintained in the institute.

Seminar Halls: The institution has adequate 5 seminar halls to conduct seminars, conferences, guest lectures and workshops. Seminar halls are equipped with LCD projectors, PAS with WIFI connectivity and air conditioned with seating capacity ranging from 60 to 500. **Computing Equipment:** The institution has 520 high-end computers with all necessary peripherals.

Library: The institution has a central library with adequate seating capacity. It has a reference section and digital library with 24 systems, accessible National Digital Library (NDL), SWAYAM lecture videos. Staff and students are able to access online journals through IEEE, ASME, ASCE, DELNET, JGATE. Library is automated with NewGenLib ILMS software. In addition to central library, each department is equipped with department library.

Cultural Activities: Students are encouraged to join college level cultural clubs like Krishnachaitanya Institute Of Technology & Sciences Campus Connect, Photography Club, Heritage Club, Orators Club, Music Club, and Dance Club. The institution organizes cultural fests, co-curricular and extra-curricular activities and encourages students to participate actively.

Sports & Games (indoor, outdoor): The institution is equipped with indoor and outdoor sports facilities for students and faculty to take part in individual and team activities within and beyond academic hours. Students participated in various sports events at inter college, inter university, state level and national level competitions and brought laurels to the institution.

Indoor and Outdoor sports facilities of the institution are available from the inception.

Facility	particulars	area
Indoor facilities	<ul style="list-style-type: none"> • Table Tennis • Caroms • Chess 	2450 sqft
Outdoor facilities	<ul style="list-style-type: none"> • Basket Ball Court • Volley Ball court • Throw Ball court • Badminton Court • Tennikoit • Shotput • Javalin Throw • Cricket Net • Disc Throw 	The Out door facilities over 2.5 acers of land

Gymnasium:

Gymnasium in the institution was established in 2010 to promote physical fitness for healthy lifestyle. The institution has adequate facilities with gym equipment like tread mill, dumbbells, weights, hand clips, bar bells, cycles, multi-purpose weight bench, gym balls, skipping ropes for students and staff.

Yoga Centre:

Regular yoga sessions are organized in the college for awareness of healthy lifestyle. Every year 21st of June International Yoga Day is celebrated in college campus.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 33.19

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
154	142	92	114	110

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

KCIT Library is an important source of knowledge for young minds. The library is spread over a carpet area of 762 sq.mts, the reading space is 385 sq.mts. The number of seats in reading space is 250. Library has a collection of around 16815 books and 42 periodical journals and Magazines, Thesis reports, Book banks, Proceedings, News clippings and Back volumes. It also has archive of college magazine, News Letter, Annual Reports, Syllabus, Course Materials, Semester Question Papers, Thesis, Projects, Publications, Videos, Audios and photographs etc. The digital library is an integral part of the main acting as backbone to the teaching and learning process. The library is fully automated with library management software, ECAP 2.0 version. The OPAC (Online Public Access Catalogue) page is the home page of the college library. The OPAC page, being the gateway to library collection, shows the kind of knowledge-store that exists in the institution. The entire collection of our library can be accessed through the IP address <http://172.16.4.40/ecap/> in the intranet. Touch screen catalogue is available in Library. The key functions of the library automation, are acquisition, cataloguing, circulation, serials control, Course management, reports and reference service.

Digital Library:

The institute has a digital library with 24 terminals. It is fully automated with the help of DELNET. It has a collection of 15700 e-journals, 740 e-journals from IEEE, Science Direct, ASCE, Springer, ASME, ASTM, E-CAP, MGH, ACM publications. The digital library is available on LAN through <http://www.delnet.in/search/index/>. An E-learning centre with in the digital library is established with NPTEL video lectures from IITs, MIT, etc related to all Engineering subjects. These E-learning data can be reached at <http://172.16.4.38> in the LAN.

The following are ICT support deployed to provide access to the library:

- OPAC (Online Public Access Catalogue)
- Electronic Resource Management package for e-journals
- Federated searching tools to search articles in multiple databases
- Library Website
- In-house/remote access to e-publications
- Library automation
- Institutional Repository
- Content management system for e-learning
- Participation in Resource sharing networks/consortia (like Inflibnet)

Every department is connected to the library via intranet where in the faculty can network with the above facilities. Faculty has remote access to e-publications. Library information is available on institute web site. 02 PCs are available, along with printer for automation and other activities. Institute has membership of the DELNET.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

Response:

Computing Facility:

As the world is becoming completely digital, KCIT is keen in giving computer education to all the students in the college and has updated its IT infrastructure to cater to the needs of the students ensuring effective and outcome based teaching-learning. Value added IT courses are conducted in all the departments. KCIT has a total of 520 computers and 34 laptops with latest hardware configuration. **Reference globe software** is used to cater the need of the library and exam section in the campus. The students and the faculty use this software (Reference globe software) for collecting data regarding the result, academics, student performance and Library details etc. There are around 8 Computer labs in the campus. The Student - Computer ratio is 3:1. All the departments have their own computers which are connected though a campus network and through internet with the rest of the world.

Servers, Open source software and Propriety Software:

KCIT maintains a total number of 9 servers, which include 1 web server, 1 server for library, 1 online Exams, 1Linux server, 1 Windows server, 1 E-Cap Server, 1 NPTEL Server, and 1 Internet Server , 1 Oracle Server-1with which our students enjoy the computing facility.

The need for Internet has become mandatory in information sharing and knowledge dissemination. To facilitate the sharing of files between departments there exists LAN connection. The old network has been upgraded and replaced with 29 extreme switches, 4 wireless access points.

Our campus is completely Wi-Fi enabled in the year 2016. From all the departments, classrooms, and seminar halls data could be easily accessed. The institution has 6 hotspots with extenders provided to cover the wireless range throughout the college. The speed of the Wi-Fi access is 100 Mbps.

The noteworthy feature of our Wi-Fi facility is for students, faculty and research scholars have 24/7 access to the internet. The present wired and wireless network infrastructure has been established with priority on reliability, performance and efficiency. Dedicated leased line Internet facility with a bandwidth of 100 Mbps is available to cater to the academic & research needs in the Campus. The entire campus is Wi-Fi enabled. The activity in the institute is under video surveillance with CC cameras.

The periodical updates and maintenance is done by the qualified in-house personnel. Our active web team deals with creating and updating of the college website. Periodic updates are done regularly to make the website very vibrant and dynamic.

Efforts are made to digitize the administrative processes in a bid to make it a paper-less mode. The college office installed customized software for digitalization of students database. The college upgraded this to the College Web Portal through which all students and faculty members can access. There is an IT Admin, who takes care of the issues related to all the computers in the Computer labs, Internet center, Language lab, Departments and Research Centers. Any technical issues are settled down immediately and used for knowledge enrichment & dissemination.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

<p>4.3.2 Student – Computer ratio (Data for the latest completed academic year)</p> <p>Response: 2.86</p>
<p>4.3.2.1 Number of computers available for students usage during the latest completed academic year:</p> <p>Response: 490</p>

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 49.51

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
210	208	154	174	167

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 74.15

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1006	984	939	1061	1029

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	View Document
Upload policy document of the HEI for award of scholarship and freeships.	View Document
Institutional data in the prescribed format	View Document

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 80.5

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1229	958	949	980	1333

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 *The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 62.45

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
194	227	233	190	172

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
280	334	323	350	340

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 4.42

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
6	3	4	5	9

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3 Student Participation and Activities

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

during the last five years

Response: 165

5.3.1.1 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 wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
47	26	22	26	44

File Description

Document

list and links to e-copies of award letters and certificates

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 34.6

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
62	34	16	23	38

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.4 Alumni Engagement

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

Response:

1.Our College Krishna Chaitaya Institute of Technology and Sciences has a fully functional and active

Alumni Association, which was registered on 30th March 2016, under the Societies Registration Act, 2001.

2. Students presently coordinating with the College, form the core committee of the Alumni Association. One faculty member of the College liaison with them for updating information and status of the alumni.

3.The Alumni Association provides two Workshops / Motivational speeches / Placement Guidance Programs every year.

4.The IQAC of the College has one alumni representative as member whose suggestions and support have enriched the activities of the IQAC.

5.The College has always looked forward to a meaningful and valuable association with its alumni. The alumni are invited for all important College events and programs. To sustain this spirit, almost all the departments of the College organize alumni get-together. Interactive meetings with the alumni are organized by the departments, who counsel the present students regarding career options and future choices pertaining to academic pursuit or vocational engagement.

6.The placing of the college alumni in institutions of higher education, in the country and abroad, and in the industry help to significantly improve the perception about the College. The alumni, who are well-placed in the industry are able to use their network to facilitate opportunities for the students in career advancement and placements.

7.The Alumni Association is dependent on the College and has its separate funds.

8.The main objective of the Alumni Association is to reach out to the alumni to create and strengthen the bond between them and the institution.

9. In the past few years, the Association has collected detailed contact information of the College alumni. The Association, in collaboration with the College faculty, has conducted periodic surveys to gather information regarding academic progression, current job profile, and other information from the alumni. A proper record of all the data is maintained.

10. The Alumni Association funds and organizes its own annual meet. The highlight of the event is a Get Together function which will be organized for the immediately passed out batches of students.

11. The College honours its distinguished alumni in special programmes and on the Annual Day.

12. The alumni continue to stay connected with the College also through the cultural societies and extend their expert guidance. They are invited for various workshops and training sessions conducted by the Societies.

13. Some alumni have joined the College as teaching and non-teaching staff and their interaction with the students have always been special.

14. There is a dedicated coordinator for the Alumni Association.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

Response:

The institutional governance and leadership have been designed in alignment with the institution's vision and mission. This ensures that the strategies, decisions, and actions of the institution's leaders are aimed at accomplishing the institution's goals and purpose.

The institution actively takes steps to implement the National Education Policy (NEP), which delineates the direction and objectives for education in the country. We have integrated technology into the teaching and learning process, allowing students to undergo credit-based assessments and credit transfers from NPTEL courses. We adhere to the curriculum of the affiliating university, which includes a greater number of basic sciences and humanities courses. This enables students to choose subjects in a multidisciplinary manner. Evaluation occurs through continuous and comprehensive methods, along with online assessments. Through these practices, the institution ensures that its policies and actions are in harmony with its vision.

Our state council of Higher Education (APSCHE) and affiliating University JNTUK have undertaken reforms in recent years by restructuring higher education systems, promoting multidisciplinary education, and fostering research and innovation. These reforms include incorporating community service projects, internships, and skill-oriented labs.

Additionally, we actively encourage global exposure and collaborations for both students and institutions to enhance the quality of education and research. We collaborate with international universities to exchange knowledge and expertise.

Sustained Institutional Growth: The decisions made by the governing body are geared towards achieving consistent growth for the institution. As a result, the institute has experienced notable growth in terms of infrastructure, academic programs, research activities, student enrollment, and overall reputation.

The institution's governance structure involves decentralization, meaning that decision-making

authority and responsibility are distributed across various levels within the institution. This approach can lead to more efficient and effective decision-making, involving a broader range of stakeholders. Our workflow, as depicted in the organizational chart, involves the Governing Body, Principal, HODs, IQAC, teaching and non-teaching staff, student representatives, various committees, and other stakeholders. These entities collectively propose plans to enhance the quality of education and all areas of academic and non-academic activities, thereby aligning with the institute's vision. The management believes in decentralization and formulates policy decisions. The institution's academic leader, the Principal, is supported by department heads, financial officers, and institute-level committee chairs, among others. Various committees oversee the day-to-day operations of the Institute.

Participation in Institutional Governance: The Institute consistently promotes participatory management. The institution's stakeholders, including faculty, staff, students, and potentially external parties, actively engage in governance processes. Their input and involvement contribute to more informed and inclusive decision-making. Ideas pertaining to academic goals, organizational progress, and campus life improvements are sourced from all stakeholders to facilitate the efficient functioning of the Institute.

Short-term and Long-term Institutional Perspective Plan: The institution has formulated both short-term and long-term perspective plans. These plans outline the institution's goals, strategies, and actions for the immediate and distant future. The plans serve as guides for the institution's growth and development, aligning with its vision and mission.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 *The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

Response:

The Strategic Plan for Krishna Chaitanya Institute of Technology and Sciences focuses on harnessing the institution's strengths and cultivating new potentials. It aims to nurture faculty expertise in transformative technologies that address societal challenges in areas like water, energy, healthcare, education, and waste management. The plan was developed collaboratively through discussions and workshops involving stakeholders at both institutional and departmental levels.

Strategic Plan envisages the following broad outcomes:

- Position the institute as a premier technical institution in the region.
- Gain recognition for developing transformational technologies that improve people's lives.
- Foster successful start-ups based on institute-developed knowledge and technologies.
- Increase the number of Ph.D.-qualified faculty members, creating a supportive work environment.
- Model sustainable practices in campus operations, energy use, water management, and materials recycling.
- Involve alumni in enhancing facilities, education quality, and research collaboration.
- Strategic focus areas encompass curricula, teaching, research, infrastructure, student support, governance, and institutional values.

The management emphasizes quality faculty and a diversified education system to unlock the institution's potential. Initiatives encourage faculty to pursue Ph.D. degrees, leading to a notable increase in qualified faculty. The comprehensive strategic plan, available on the institution's website, underscores resource optimization and excellence.

The management has identified seven thrust areas to set a strategic directionality (both short and long term) for

the institution in the following areas:

- Curricular Aspects
- Teaching-Learning and Evaluation
- Research, Innovations and Extension
- Infrastructure and Learning Resources
- Student Support and Progression
- Governance, Leadership and Management
- Institutional Values and Best Practices

The IQAC (Internal Quality Assurance Cell) is empowered with senior administrators and teachers to ensure successful plan implementation. IQAC meetings propose strengthening measures, which are integrated into the quality policy and transformed into actionable plans. Regular reviews monitor compliance with the strategic plan's goals.

Functioning of the institutional bodies:

The governing body (GB) of KITS is the authoritative decision-making entity responsible for upholding the college's vision, mission, and values. Constituted according to AICTE, JNTUK, and Government of A.P. norms, it meets biannually to discuss and endorse committee reports, including strategic plans, academic minutes, fee structures, finance budgets, and future initiatives. With representation from diverse stakeholders, the GB ensures effective governance through a robust framework of various functional committees. It also ratifies academic committee recommendations, oversees promotions/penalties, and establishes central committees for streamlined operations.

The Principal serves as the Institution's Head and a GB Ex-officio member. Acting on GB directives, the Principal implements decisions through committees, aided by IQAC, Academic Coordinators and HODs, managing daily operations. The Vice Principal supports in all daily administration activities. HODs oversee departments, setting goals, timetables, records, labs, faculty duties, appraisals, mentoring, audits, R&D, and collaborations. Committees, aligned with AICTE, JNTUK, and UGC, address Stakeholders' needs comprehensively.

Some of the important committees functional in the institute are: IQAC, Academic Monitoring, Discipline, Research , Training & Placement , Purchase, Sports & NSS, Budget , EDC, Anti-Ragging, Grievance Redressal ,Anti-Sexual harassment & Student Welfare committees.

KITS has a set of well-established recruitment procedures, service rules and promotion policies and academic regulations within the frame work of AICTE, A.P. State government and the affiliating university which are approved by the GB of the Institute. More details visit the following below link: <https://kits-anna.com/>

File Description	Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2 Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Performance appraisal system:

Faculty Performance Assessment is done considering the following:

1. Faculty Self-Appraisal
2. Student feedback
3. Appraisal by Head of the Department.

The institution conducts an annual performance appraisal for teaching and non-teaching staff, with self-appraisal collected once per academic year. The Head of Department (HOD) shares the faculty appraisal format at the beginning of the academic year, familiarizing all staff with the criteria. Faculty submits self-appraisals based on the "Performance Based Appraisal System".

Appraisal reports consider qualifications, experience, student feedback, JNTU exam results, research publications, patents, project work, dissertation and Ph.D. guidance, UG projects, research project involvement, FDPs, conference/seminar/workshop participation, pedagogical methods, administrative

duties, student co-curricular activities, and university roles.

HODs review faculty self-appraisals and forward results to the Principal. Consolidated API scores guide actions, with Principal-HOD consultation leading to recommendations for improvement and goal-setting.

Annual appraisals impact staff increments and promotions. In the last five years, around 95% received increments and 15% were promoted. Recommendations use pro-formas; adverse reports lead to counseling and training for efficiency.

Non-teaching staff's assessment includes achievements, qualifications, and adaptability. Performance reports and ratings affect CAS promotions, time-bound promotions, service continuation, increment enhancements, and performance awards.

Welfare measures:

The institution implements effective welfare measures for both teaching and non-teaching staff, encompassing statutory requirements. Diverse initiatives fostering personal and professional growth are executed, meeting employee satisfaction.

- AICTE norms and the 6th Pay Commission recommendations are followed, extending CAS benefits.
- Employees are covered by EPF and gratuity per PF Rules.
- Free mid-day meals are provided to all staff.
- Study, maternity, and medical leaves are available. SCL and OD for conferences, workshops, FDPs, STTPs, and university-related activities are sanctioned.
- Festival and medical advances are offered. Vehicle and laptop loans, plus a one-month interest-free salary advance (recoverable in 10 EMIs) are accessible.
- Financial aid supports conference, workshop, FDP, and STTP attendance, covering fees, allowances, and travel.
- Outstanding research receives cash incentives.
- Faculty can borrow 8 library books per semester.
- Incentives encourage membership in professional bodies.
- Teaching staff's children receive management quota seats with fee concessions for exceptional academics.
- All staff enjoy free transportation.
- Uniforms are provided for supporting staff.

- The health coverage group insurance scheme covers entire staff, with college premium for non-ESI members.
- Full-time medical facility with doctors and nurses operates on campus.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 66.52

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
85	95	72	5	53

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshops and towards membership fee for professional bodies	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 63.25

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development

Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
99	74	72	61	76

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
34	26	24	26	28

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Strategies for Mobilization of Funds

Krishna Chaitanya Institute of Technology & Sciences is a Self Financing institution. The major sources of revenue for the institute is the fee collected from the students as per the fee and guides fixed by the state fee regulatory authority and Loans from banks.

The other sources of fee are like transport (bus) fee, Hostel fee, Consultancy works, Collection of fee for workshops, research grants, Training programs, Project works, Exam fee, , Competitive exams conducted by TCS, NSS cell, Alumni funds etc.

Optimal Utilization of Resources and Funds

Depending on the availability of Funds, the management plans for utilizing the resources and funds by collecting requirement from different sections. Everything is done after approval procedure is completed.

Majorly, the funds are utilized under following categories. Salaries of faculty and non teaching staff, expansion of infrastructure and maintenance. Computing facilities, teaching learning process, Training program, Staff welfare programs, Library, Laboratory equipment, College functions, Faculty development programs, Workshops, for conducting Co and extracurricular activities etc.

The optimal utilization of funds is achieved/ notified through financial committee at management level, College academic committee, Program assessment committee.

After final approval of budget, the purchasing process is initiated by respective purchase committee accordingly quotations called and after negotiations purchase orders are placed.

The payment is released after delivery of the respective goods it is done as per the terms & conditions mentioned in the PO. If not met the conditions as per PO cost cutting will also be done. All are transparent through bills & Vouchers sundry expenses are done through cash transaction. The entire process of the procurement of the material is monitored by the purchase committee & principal at institute level.

Financial Audits (Internal & External)

Financial planning is exercised well in advance for efficient budgeting & review is done on regular basis through respective committee under the supervision of management representative, principal, HODs and account personal involving the various academic departments & administrative sections of the institute. Optional utilization in execution of the budget is monitored through internal and external auditing. Qualified internal accounts personnel are monitoring the process continuously. External auditor performs the audit of the financial statements of the institute. After the end of each financial year the records are audited by qualified CAs. These financial documents are used for all statutory bodies.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

According to NAAC guidelines, an Internal Quality Assurance Cell (IQAC) has been established as a post-accreditation measure for sustaining and enhancing quality. The IQAC is composed of a competent team, including the Principal, Senior Professors, Alumni, Industry Experts, and students. The Chairman of IQAC is a member of all major committees and other bodies, providing support to academic activities and recommending student-centric core procedures. At KITS, the IQAC has significantly contributed to meeting the institution's standards by formulating and implementing predefined processes for all activities and making efforts to institutionalize quality assurance strategies and processes.

The institution reviews its teaching-learning process, structures, and methodologies of operations through Academic Departments. The IQAC is responsible for developing, coordinating, and monitoring academic assessment activities to effect improvement in student learning. All the heads of the departments and nominated teachers are members of the Institute Academic Committee, which is chaired by the head of IQAC.

The roles and responsibilities of the committee:

- Plan, monitor, and control the academic functioning of all the Departments.
- Introduce innovation in Teaching, Learning, and Evaluation practices.
- Recommend additional infrastructural facilities required to strengthen the Departments considering the changing needs of the curriculum or the introduction of new disciplines.
- Evolve processes for conducting Academic Audits both at the Institute level and at the Department level.

The Institute Academic Committee meets every month as a scheduled activity and monitors all the activities. The Internal Quality Assurance Cell supports the activity by involving various departments of the institute and audits the departments as a calendar activity every semester. IQAC also conducts an External Audit for both academic and administrative aspects. The institute encourages the departments to implement the recommendations of the Audit Committee.

The IQAC also supports in anchoring the academic review activities such as:

- The Academic Plan is prepared well in advance before the commencement of class work for the Courses.
- Feedback is collected twice in a semester. It is communicated to Faculty and Heads of the Departments, and necessary measures are taken.

- Ongoing course reviews are done by involving students and faculty through class Review Committee Meetings.
- Attendance registers are maintained with day-to-day outcome mapping and the delivery mechanism.
- Every Faculty maintains Course files for the subjects.
- Suggestions for Conferences, Guest lectures, Seminars, industrial visits, Remedial classes for slow learners & MOUs with industries and organizations are made wherever required.

The IQAC of the institute also reviews the assessment of teaching-learning outcomes through:

- Course end surveys, which are collected after a semester course for every subject.
- Course outcome analysis for each course after the completion of the semester, incorporating the input collected from the course end survey as well.
- Result analysis every semester.
- Program assessment for the graduating batch. The Learning outcomes of the program (POs) are assessed through curricular and co-curricular activities.
- All the suggested changes in the curriculum by the departments and their BOS are presented to the academic council for approval.

OUTCOMES

- Exit surveys have helped in revising the curriculum according to the needs of the present day.
- Alumni feedback has assisted in refining the curriculum.
- Inclusion of value-added courses, training programs, and finishing school initiatives has led to better placements.
- The revised curriculum has enabled the students to gain admission to Premier Institutions.
- The Institute was accredited by NAAC& ISO certified.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**
- 5.Any other quality audit/accreditation recognized by state, national or international agencies**

such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Response:

- Krishna Chaitanya Institute of Technology and Sciences is committed to promote Gender equality and provides a safe and secure environment for all the students, which is free from oppression, threat, and abuse or ragging. This is achieved by conducting various sensitization campaigns, training programs, seminars and events.
- Women Empowerment Cell (WEC) is in place to maintain gender equity and promote gender sensitization on campus.
- Any issue/grievance related to sexual harassment or discrimination is addressed by the Sexual Harassment Committee.
- Women hold various positions as coordinators in various Events and participate.
- The Register is maintained at Security to note Entry and Exit of outsiders. The Students will be allowed outside with due permission from respective department.
- Faculty often provides counseling for the students regarding their personal problems, Career guidance and academic matters.

Gender equity Practice & Awareness Programs:

Krishna Chaitanya Institute of Technology and Sciences enthusiastically focuses on gender issues in the campus. The college provides a healthy and congenial atmosphere to the staff and students of the college by promoting measures aimed at achieving gender equity, removal of gender bias or discrimination, sexual harassment and other acts of gender based violence and organize awareness programs.

Gender equity & sensitization in co-curricular activities:

The Gender equity promotion programs organized by the institution during the last five years are as follow:

- Sports and Games competitions for girls and boys.
- Various activities like webinars, Interactive Talk-shows. Posters, PPT Presentations, Debate Competitions.

Facilities for women in the campus:

- Each block of academic campus has special girls room with facilities like cots, first-aid kits etc.
- CCTV surveillance is provided for safety of the girls and women.
- Maternity Leaves provided for women staff.
- Common rooms are allotted for the students when they are ill.

Impact:

- On campus events/functions organized witnesses equal participation of both genders
- Majority of admitted students in institution are girls, an evidence of gender equity.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives

4. Beyond the campus environmental promotion activities**Response:** A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**Response:**

An inclusive environment is one, in which members feel respected and connected to one another. KCIT believes in cultural diversity and cultural tolerance as a key to social harmony and has a diverse range of student body as well as employees from diverse regions. Students admitted through centralized admission process, reflects Inclusiveness in the entry level and acceptance of all students from various regions, academic backgrounds, and cultural competency. A rural environment has helped each person by bringing to the group, a unique perspective which is influenced by his or her own unique cultural identity. The Institution follows a tolerant recruitment policy by recruiting staff from all different regions. Institute celebrates various cultural events such as Pongal Celebrations, Holi, Christmas, Vinayaka Chaviti and Eid. The prominent days are enthusiastically celebrated with pledges, various activities and competitions related to the event every year.

Institute under its social responsibility has undertaken various initiatives to create awareness in the community around Markapur towards Swachh Bharat Abhiyan, Sanitation and Hygiene, Education the municipal school children. The unique advantage of the cultural diversity is the utilization of valuable skills and expertise in each of this group in achieving common goals and building greater social cohesion.

Compulsory course on Constitution of India is offered in the engineering curriculum, where students are

provided basic understanding on values like equality, rights, duties, rule of law and other constitutional obligations. The Institution organizes various activities for sensitization of the students and employees for inculcating values, rights, duties and responsibilities for being responsible citizens of India. Institution organizes Swatch Bharath Abhiyan to create awareness about cleanliness in and around the campus by NSS Committee. In addition, the institution also organizes blood donation camps to encourage students to contribute for public health. Institution celebrates the National Day of India, such as Independence Day and Republic Day, every year. These events begin with hoisting of the national flag by the Principal, Staff and Students.

The different programs organized by the KCIT are:

- Human Rights Day
- Azadi Ka Amrit Mahostav Thiranga (Rally)
- Special Orientation Program on “Human Rights & Citizen Responsibilities” was conducted by Speaker Ms. Jyothika Garu -Ekalavya Foundation
- AP Formation Day
- National Voters Day
- National Constitution Day
- Awareness Program On Intellectual Property Rights(IPR) (Online Webinar)

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

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

Response:

1 **Title of the Practice:** Student Centric Pedagogy with Teaching – Learning Methods

2. Objectives of the Practice:

- Clarify objectives with equitable resource access.
- Promote self-assessment and active involvement.
- Cultivate positive teacher-student partnerships.
- Develop communication, attitude, and professionalism for autonomy.
- Enable teachers to enhance global teaching through continuous improvement.

3. The Context:

- Our academic policies acknowledge student diversity to boost their prospects.
- Institutional academic policies, including the teaching-learning policy, should be considered alongside other college policies.
- Aiming to bridge the academia-industry gap by and upgrading teaching and learning methods.
- Emphasizing skill-oriented, student-centered programs and professional skills.

4. **The Practice:** The College has developed a streamlined approach to teaching and learning in alignment with its vision, mission, and values.

Key aspects include:

Admissions: An online admission process streamlines accessibility, conserving time and resources.

Planning and Tailoring: Teachers gauge academic capacity through baseline data and ability tests, considering background. Curricula follow policies, are updated globally, and employ innovative strategies for content delivery. Teachers adapt detailed execution and evolving lesson plans, addressing students with expert guidance.

Monitoring Progress: Teachers continually document attendance, homework, and assessment results. Proctors employ this data to identify and address concerns.

Methods: Experiential learning, questioning techniques, practical activities, interactive sessions, group discussions, virtual learning, field experiences, expert talks, case studies.

Program and course outcomes are clearly defined for students, guiding them towards learning objectives and assessment success. Feedback is provided:

Tutorial Sessions: Regular progress feedback is given through dedicated tutorials, aligning with College assessment policies.

Academic Reports: Semester reports not only show assessment marks but also offer teacher feedback on strengths, weaknesses, and improvements.

Support and Collaboration: Proctors and teachers collaborate based on shared student feedback, providing timely learning assistance for those in need.

5. Evidence of Success: is manifested through positive behavioral changes resulting from learning, as students achieve their learning objectives.

Students actively engage on learning outcomes, becoming independent learners with improved attitudes towards learning themselves confidently. They confidently accessing resources and completing assignments on time. They willingly embrace innovative approaches, take additional modules, and provide valuable feedback. Participation in seminars, campus drives, and social work is active. There's a significant increase in utilizing college resources like the Library, digital tools leading to remarkable placement success.

6. Problems Encountered and Resources Required

Challenges include integrating college policies with newcomers, initial struggles in adopting technology like e-learning and digital tools. English communication hurdles arise among students transitioning from Telugu-medium education. New student-centered approaches like projects, seminars, and assignments take time to settle. Ongoing training is essential for teachers to enhance conviction, commitment, and technical skills. Expanding digital classrooms, e-classrooms, and establishing a mini studio Media Centre is needed.

Notes (Optional):

Teaching and learning are vital for educational goals. Teachers impact student change. Embracing technology and skills is key for global citizens. "STUDENT FIRST" should guide institutions. Learner freedom and independence are essential. "ADOPTION OF VILLAGES," an ISR initiative, merges practical experience and issue resolution.

Best Practice-2

1. **Title of the Practice:** Empower the rural youth through imparting training Programs.

1. Objectives of the Practice:

- To focus on learning outcomes of students from rural background.
- To train as Graduates suitable to industry/entrepreneurship/research.
- Bridge the gap in academically weaker students by suitable trainers, arranging the soft skills, Arithmetic, reasoning and Personality development training sessions in the first-year level itself and throughout the engineering course.
- Encourage students to take part in project expos, paper presentation and coding challenges etc.
- Training them on advanced courses like advanced Python, Java Script, Simulation, Ansys, MATLAB, GIS & CAD which is helpful to succeed in all.

1. The Context:

- KITS was established in 2008, affiliated to JNTU Kakinada situated Markapur.
- The institute has taken a policy to educate and motivate the rural youth of the backward communities.
- In order to improve the all-round development of students and prepare them, mentor them to become industry ready engineers, college has formed empowerment cell and arranged training by reputed agencies like IT Curve technologies, ICT, APSSD and Personality development classes by reputed psychologists.
- These programs helped students in identifying and changing their behavioral patterns, learning-regimen, understanding and applying bookish knowledge and also get self motivation to achieve specific goals in life.

1. The Practice:

- Identified and nominated the suitable student towards the development of empowerment cell to make utilization of all programs.
- Provided orientation with resource persons and Identification of weaker students from the internal examinations at 1st year itself.
- Provided trainings towards to reduce phobias, depression, and to improve concentration, memory, self-confidence and leadership skills etc.,
- Provided trainings towards placements / higher studies for meritorious students with financial support.

1. Evidence of Success:

Systematic planning and approach lead the growth in student career as well as progress. Many of the students got good jobs with impressive annual packages in MNCs. The details of the students joining details is shown in the following table.

The average placements of KITS students is around 175 in five consecutive academic years since 2018-19 to 2022-23.

1. Problems Encountered and Resources Required

- These students have illiterate background and also from extremely rural and backward areas.
- It is very hard to motivate to them towards study and concentrate on the study and training activities due to their village works and background.

- Most of the time, parents were not approachable due to their farming works. Able to overcome this challenge with the help of Alumni from those areas.
- To improve the learning abilities of the rural students and train the students in advanced areas, contracting industrial experts and outsourcing agencies etc. was found to be as complex task.
- KITS is providing access to quality higher education for a large section of rural student community, who mostly are from economically backward classes.
- Though, bringing the students to industry ready engineers is very challenging aspect, KITS has successfully performed the same.

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Introduction:

Our college stands out from the rest due to its remarkable commitment to social welfare, academic excellence, and community engagement. Over the years, it has implemented various initiatives that have significantly contributed to the well-being of our students, staff, and the surrounding community.

Title: Access to Quality Higher Education to the Rural Society Leading To Regional Development.

Vision statement of the Institute sketches its own distinctiveness on a larger map. As per the Vision statement, the institution prepares internationally acceptable and employable professionals. In addition, the institute aims at preparing professionals with emotional balance, psychological strength and social responsibility and to make them good citizens and good human beings.

Many studies and surveys in the country revealed most of the professionals are knowledgeable but their attitudes are not fully rational due to emotional imbalance. Some of the students of high caliber (who face competitive exams like JEE) are not able to cope up with the pressures of life and going in to depression. The ethical and human values at the individual and at the organization level degenerated to a level of creating disorderly society. KITS recognized these factors very early and formulated its Vision statement giving stress on development of psychological strength along with high quality academics.

Most of the students who join KITS hail from agricultural families – mainly from socially and economically backward classes. The institute is concentrating on three important aspects – quality

academics, psychological balance, and social responsibility. These three aims are essential because large number of students who join the institute are those who aspire for higher education from the rural families, most of them being first graduate-attempts from their families. Their background causes low levels of communication skills, and lack of confidence, and low awareness on social problems.

The institute has taken a policy to educate and motivate the rural youth of the backward communities. In that scenario, KITS has identified the few extremely rural mandals and conducted vigorous campaigning in educating the youth towards the higher education as potential area and convinced them to aim for prospects in higher education. Upon admission, it was observed that the students from these areas were found to be more concentrative on learning activities and inclined towards games and sports, but communication skills and technical knowledge is a challenge for them. In order to mentor them to become industry ready engineers, college has formed empowerment cells and arranged training by reputed agencies like IT curve technologies, ICT, APSSDC and Personality development classes by reputed experts like B.V. Satya Nagesh, Gampa Nageswara Rao etc.,

KITS justifiably takes pride that it has awarded Engineering and Management degrees to the students, thus leading to the improvement of quality of life of that many families in this region.

In addition to that our management is very generous in terms of financial assistance to students, faculty welfare and very conscious on environment.

Scholarships for Poor Students: One of the most commendable attributes of our college is the provision of scholarships for financially disadvantaged students. Recognizing the importance of education as a means to overcome economic barriers, the college offers scholarships that cover tuition fees and other academic expenses. This initiative aims to provide equal opportunities for all students, irrespective of their economic backgrounds, fostering a diverse and inclusive learning environment.

Concessions on Hostel Fees: Understanding the financial constraints faced by students, our college provides concessions on hostel fees. This step not only promotes accessibility to education but also ensures that students can focus on their studies without the burden of exorbitant accommodation costs. By offering affordable hostel facilities, our college encourages students from various socio-economic backgrounds to pursue higher education.

Fee Waiver on Transportation Charges: Recognizing the need for accessible transportation, our college has implemented a fee waiver policy on transportation charges for both students and staff. This measure enables individuals to commute conveniently to and from the college without any financial burden. By removing transportation barriers, our college emphasizes the importance of ensuring that everyone has equal access to education.

Donation of food & groceries: it has been a practice to our management to donate food & groceries to poor people during the challenging times. One remarkable response has been the initiative to provide food and groceries to those who are most vulnerable and economically affected. This compassionate gesture of donating essential supplies to the poor has not only eased their financial burden but also highlighted the spirit of solidarity within communities.

Free Lunch Provision for Staff: For the past decade, our college has been providing free lunch to all staff members. This practice not only fosters a sense of community among the faculty and staff but also acknowledges their hard work and dedication. By ensuring that all staff members receive nutritious

meals, the college promotes a healthy and productive work environment.

Addressing Environmental Concerns: Our College is dedicated to addressing environmental challenges such as water scarcity and pollution. Through various initiatives, including rainwater harvesting, waste management, and tree plantation drives, our college strives to create a sustainable and eco-friendly campus. Furthermore, students and faculty actively participate in campaigns to reduce air pollution and promote environmental conservation.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Additional Information:

- The Institution is affiliated to Jawaharlal Nehru Technological University, Kakinada
- The Institution is having ISO certification.
- The Institution is accredited by NAAC in 2016 with 2.80 CGPA.
- The Institute is having State of Art Facilities and Infrastructure.
- The main motto of the Institution is to provide quality education and all excellent facilities to rural backward area students.

The institution is predominantly over decade has evolved into excellence in teaching-learning with other development verticals such as research, innovation, consultancy, industry interaction and entrepreneurship. In these years, the institution has been progressively achieving results in all other verticals besides its primary domain of teaching – learning.

“Markapur” region of Andhra Pradesh is backward in education. The development and education opportunities to the students in this region were scanty. The setting of the institution in this rural region in 2008 was to provide quality technical education to generate first generation engineers. Owing to their background, students who joined the institution had to be given the best possible teaching to learn and secure a job. Initially the management of the institution has made a focused approach to academic development of students through best teaching-learning methods and ambient infrastructure to providing them the campus placement.

KCIT also offers a highly-efficient Mentoring system through which a group of students is assigned to a faculty member at the commencement of the program. Mentors meet their students and guide them with their studies and extra-curricular activities. They also provide advice relating to career guidance and personal problems. The mentoring system ensures that the students adapt to the dynamic learning environment and lead their ways into highly successful careers. KCIT follows student centric pedagogy with Teaching Learning methods to make the students lifelong success. It also provides Training programs to empower the rural youth.

Concluding Remarks :

Conclusion:

KCIT was established in 2008 to impart quality Technical education to the students through an effective teaching-learning process shall go through the rigor of gaining knowledge and practical skills from the first semester to undertake innovative work as project in the final semester. This helps the student to either pursue his interest in higher education, take-up campus placement or endeavor entrepreneurship besides lifelong

learning. KCIT stands as synonym for quality education around the surrounding colleges. There are many best practices in the Institute, as a result the Institute has made a rank for itself in the region. Students from surrounding towns & villages join the Institute to pursue their education. The management practices very good transparency & involves everyone in the decision making process and institutional building. The students and faculty maintain excellent rapport resulting in a conducive learning ambience in the campus.

The vision of the Institute “To emerge as a premiere institution for engineering education and research, and serve as resource center for the industry and society” to be achieved in the near future.