



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. B. S. B. Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08632119726
• Alternate phone No.	
• Mobile No. (Principal)	9121214741
• Registered e-mail ID (Principal)	kaesguntur@gmail.com
• Address	Chowdavaram
• City/Town	Guntur
• State/UT	Andhra Pradesh
• Pin Code	522019

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	17/02/2021
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. Kishor Babu Gunti
• Phone No.	08632119726
• Mobile No:	9849933405
• IQAC e-mail ID	iqac@khitguntur.ac.in
3. Website address (Web link of the AQAR (Previous Academic Year)	https://khitguntur.ac.in/AQAR/IOAC%20Report%202020-21%20final.pdf
4. Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.khitguntur.ac.in/autohome.php#autoac.php

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.20	2017	27/03/2017	26/03/2025

6. Date of Establishment of IQAC **16/02/2016**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
CSE	State Level Student Convention for Andhra Pradesh	CSI	17/11/2021	10,000
MECH	STTP	AICTE	07/06/2021	4,15,000

8. Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	
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9.No. of IQAC meetings held during the year	2
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	No
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets) <p>IQAC is involved in enhancing quality in academic activities and administration as follows: 1. Implementation of outcome based instruction and evaluation for the courses in the programmes. standardization of internal assessment pattern for all UG / PG programmes 2. Effective implementation of learning management system (MOOCs, NPTEL) * IQAC has been driving the system and the processes for achieving a level of targeted Quality. All the HODs are members of the IQAC. * Each one of them would implement and monitor the processes within their departments to maintain the level of desired quality and would strive to continuously improve them. * Further they would communicate with IQAC each of the issues if any, with regard to quality and would initiate all measures to implement the strategic directives given by the IQAC.</p>	
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	

Plan of Action	Achievements/Outcomes
To impart Quality Education	(i) Quality of Assignments and Teaching Aids & tools are enhanced. (ii) Provision of additional Infrastructural facilities. Enhanced learning environment. (iii) Semester wise Academic Data from HOD's is collected and analyzed.
To provide need based Teaching	(i) Additional revisions on the topics in syllabus and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
To encourage staff and students Participation in seminar, workshop and conference.	(i) Faculty members attended faculty development programs to enrich knowledge in their domains. Sponsored students to participate in national level inter institution Competitions/seminars/workshop.
To improve student's performances on the basis of monitoring system.	(i) Software is designed and developed to facilitate the faculty to enter the details of hourly attendance, coverage of syllabus and internal exam marks for each class.
To Send SMS alert to the parents about progress of their wards.	(i) Alerts of attendance and performance are sent to the parents by SMS (ii) Communications with parents is done through SMS, letters and by phone.
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> • Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Governing Body	01/09/2022

14. Was the institutional data submitted to AISHE ?	Yes
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- Year

Year	Date of Submission
2020-2021	29/12/2022

15. Multidisciplinary / interdisciplinary
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Yes, KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY (Autonomous), Guntur is well-equipped to implement NEP regulations in its curriculum. The teaching learning pedagogy adopted in this institution ensures amalgamation of intellectual, scientific, emotional, social and cultural development among its students. Apart from the regular credit-based courses, all the students at graduation level complete audit courses, each on environmental studies, disaster management, intellectual property rights and gender studies. Students are also allowed to select elective papers from any discipline (in their final year) of their choice and a number of value-added courses are being offered to students. Multidisciplinary programmes like B.Tech, M. Tech, M. B. A and seminars/ workshops/ training programs have been introduced which enables the integration of humanities and science. Social service activities mediated by NSS, NCC, relevant clubs and committees in the college play a pivotal role in sensitizing students towards environmental, social and health issues.

16. Academic bank of credits (ABC):
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Yes, KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY (Autonomous) registered with National Academic Depositor (NAD). All the students are registered with Academic bank of credits (ABC) portal with 12 digit ABC ID. The institution is eagerly awaiting to register under the ABC to permit its learners to avail the benefit of multiple entries and exit during the chosen programme, and to enable credit transfer. These initiatives would be highly beneficial to slow learners and provide flexibility to students to learn as per their ability and convenience. The proviso for the same would be implemented as per the directives of the state government and Jawaharlal Nehru Technological University, Kakinada(JNTUK). Faculty

members are actively engaged in designing their own curricular and pedagogical approaches within the approved framework through Learning Management System.

17.Skill development:

Yes, KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY (Autonomous), Guntur, focusses on skill development that enables students to acquire desired competency levels. Skill development courses are integrated with curriculum total 5 skill development courses are offered and accounting 10 credits. The college has implemented a curriculum and syllabus in the paradigm of Outcome Based Education, which focusses on skill development and outcomes of learning. The college has a dedicated centre, namely, Andhra Pradesh State Skill Development Corporation(APSSDC), supported by the government of Andhra Pradesh, which offers skill training to the selected students. In addition, the institution provides capacity building programmes and skill inculcation training programmes to all final year Undergraduate and Postgraduate students under the guidance of Placement and Career Counselling Cell.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Yes, The institute was established during pre-independence era and it still upholds the value of Indian Knowledge system, Indian culture and heritage. The institute commemorates Hindi Divas, Mother tongue day, Tourism Day and Yoga Day as an act of reverence towards Indian languages and culture. Faculty members are encouraged to provide the classroom delivery in bilingual mode (English and vernacular language i.e., Telugu) as students tend to understand better if taught in their mother tongue. The promotion of Indian languages, arts and traditions is also facilitated through competitions organized during the annual fine arts festival. Competitions such as essay writing, poetry, speech competition, folk song, folk dance and skit encourage students to stay connected with their rich Indian culture and heritage.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Yes, The institute and its programs are accredited by National Board of Accreditation(NBA). KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY implement Outcome-Based Education (OBE) model. OBE is a pedagogical model that entails the restructuring of curriculum, pedagogy and assessment practices to reflect the achievement of high-order learning, as opposed to a mere accumulation of course credits. While the traditional education system focuses on what is taught, OBE places emphasis on what is learned, which is a student-centric

model. IQAC organized multiple faculty development programmes on OBE in collaboration with Andhra Pradesh State Higher Education Council, Andhra Pradesh. All the faculties of the college were trained in OBE. Based on the training, all courses were designed under OBE paradigm with Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) specified. During the student induction program, the students are given an orientation on Outcome Based Education paradigm; and the Program Outcomes are explained to the students. The curriculum clearly states Program Outcomes PO. PSO, CO and teaching-learning pedagogy adapted at the institute ensures implementation of OBE to transform the youth into responsible citizens. The outcomes have been articulated in the college website.

20.Distance education/online education:

No

Extended Profile

1.Programme

1.1

14

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

2922

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

608

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

2946

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	583
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Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	187
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Number of full-time teachers during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	187
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Number of sanctioned posts for the year:

4.Institution

4.1	587
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Number of seats earmarked for reserved categories as per GOI/State Government during the year:

4.2	43
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Total number of Classrooms and Seminar halls

4.3	682
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Total number of computers on campus for academic purposes

4.4	7,26,32,913
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Total expenditure, excluding salary, during the year (INR in Lakhs):

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curriculum of all programs are developed in accordance with the OBE model relating to PSO, PO&CO, which in turn are in tune with the mission statements of the college. Process of developing the curriculum and the course content takes into consideration the feedback from different stakeholders, including academic and industrial experts, and ensures that it has relevance to the local, regional, national and global developmental needs.

Local and regional developmental needs: Various courses in different programs, which enable students to analyze the local and regional needs and provide solution, based on their engineering and management knowledge acquired for a real-life experience. The Social Responsibility project component helps the students to involve in the developmental activities of Guntur region. Students are often challenged with the problems faced by small-scale industries and are enthusiastic to provide relevant scientific solutions. Food Festival is organized as per local and regional cultures of food. **National and global developmental needs:** In tune with the national and global developmental needs, the institute has introduced new programs in the areas of AIML, DS and AIDS. Students are motivated to adopt problem statements for their projects from Startup India policy and enhances the employability skills of students.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://khitguntur.ac.in/IOAC.php#IOACPO.php

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

14

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

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

3

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

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

25

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

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

22

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

1.3 - Curriculum Enrichment

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

The institute ensures integration of relevant cross cutting issues in the curriculum of all the programs offered. The peer and group learning, extra-curricular activities help in understanding gender and nationality not only to absorb but also to respect other cultures. Gender: As part of the Ethics and Values course, students are required to address the issues related to women empowerment, gender sensitivity, responsible living and others. Project batches are formed by both genders in a team. Participation in co curricular activities promotes gender equity, facilitates teamwork, enhances leadership skills, and builds confidence. Environment and Sustainability: Environmental Studies is a mandatory course in all the students. The students of Civil Engineering have courses on using natural and sustainable resources in their curriculum. Students can enroll in clubs/chapters related to the chosen field and in many instances the students extend their support to the social cause and create awareness for sustainable living. Human Values and Professional Ethics: Course on Professional Ethics and Human Values is mandatory for all the students. Topics on manners and etiquettes are covered in courses related to soft and employability skills. Students contribute to the NSS and face the challenges in the future workplace thus mould them to be holistic individuals.

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

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

the year

7

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

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

2922

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

581

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
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File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken
File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1009

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

587

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

KHIT follows a streamlined mechanism for continuous monitoring and evaluation of the students. This mechanism is to customize teaching for two different groups like slow and advanced learners and also to meet the different learning needs of the students.

The identification of Bright students is done by the following:

1. Students secured First Class with Distinction (FCD) in their Semester end examinations.
2. Students securing ranks at university level and participate actively co -curricular activities The approaches for facilitating advanced learners are as follows: 1. Engaging them in peer to peer and other collaborative learning activities and motivate them to excel in co-curricular events & competitions.
3. Encouraging them to participate in classroom seminars, group discussions, technical quizzes to develop analytical and problem solving abilities
4. Motivating to access latest online journals, reference material to understand emerging trends in their field of study and do NPTEL - MOOCs courses.
5. Training them in the use of audio-visual aids for effective presentation.
6. Encouraging them to attend science expos in order to design and to develop prototypical working models which give shape to their ideas.
7. Class Toppers are appreciated with certificate and cash prize.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2022	2922	187

File Description	Documents
Upload any additional information	View File

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:

Experiential learning has been initiated through Projects/Lab work and Internships. Projects, Lab assignments, and Internships are most encouraging tasks of experiential learning at the Institute. The motive is to introduce experiential learning to create platform for the students in such a way they get direct experience and exposure of workplace setting.

Project Method: This method is used to improve the ability to apply and to reinforce knowledge imparted in the classroom. Being a technical Institute, this method is extensively used to provide empirical evidence of the theory which is learnt in the classroom. This will help the students to understand and apply concepts and apply concepts, principles or laws learnt. The faculty guides the students at various stages of developing the projects to give timely inputs for the development of the model.

Major steps of the Project Method:

1. Creating the situation (providing a situation)

2. Choosing the project (Selection of the Project)

3. Planning

4. Carrying out the project (Executing)

5. Evaluating

6. Project Report Experiential learning-Impact Apart from academic proficiency the professional skills like team spirit, leadership and communication skills are developed among students.

This practice has greatly increased the number of in 3 house

projects being implemented by students.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

- **Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process**
- **Upload any additional information**

Significant ICT initiatives are being implemented in KHIT.
KHIT adopts many ICT integrated pedagogical methods to enable the learner to meet their learning goals, academic success with required competencies. ICT tools Blended Learning - Flipped Classrooms, Impact Analysis Self-learning - MOOCS by Swayam, Impact Analysis Collaborative learning - Peer to Peer Teaching, Think-Pair-Share - Impact Analysis Experiential Learning - Project Method, Impact Analysis For the implementation of ICT Integrated pedagogical methods, ICT tools such as Google Classrooms (LMS) which provide an opportunity to provide better access, quality and equity in education. Google Classroom is a cloud-based web application where our faculty can upload to share all the particular class related documents, videos content and assignments etc. Google classroom also offers a wide variety of tools that make the course more effective. It provides an easy way to upload and share materials, also we can hold online discussions and chats, give quizzes and surveys, gather and review assignments, and record grades.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://khitguntur.ac.in/ICT_classrooms.pdf
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

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

At the starting of every academic year, College academic process calendar is prepared based on university academic calendar. Based on the College academic process calendar, PAQIC collects the data from module coordinators to plan different departmental events such as Guest Lectures, Workshops, FDPs, Field/Industrial visits, Seminars/conferences, Summer Training programs, NSS activities, Student chapter activities etc. depending on the gaps identified. After the collection of data PAQIC conducts a meeting and schedules different events without affecting the university calendar and releases the Departmental Academic process, Calendar. The entire academic duration scrupulously follows the departmental academic process calendar and if any deviations, should be approved by the PAQIC with prior notice.

Academic Process calendar may also include the following:

1. Allotment of courses to the teachers.
2. Preparation of course handouts/course files.
3. Identification of the additional/content beyond the syllabus, skilling, up skilling programs.
4. Evolution of academic process calendar.
5. PAQIC meeting to finalize and approve the academic process calendar.

Impact Analysis :

1. Activities are pre planned resulting in the improved participation.
2. It is helpful to monitor the syllables coverage.

3. It lays a road map for activities like Industrial visits, workshops and seminars on advanced topics

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

2.4 - Teacher Profile and Quality

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

187

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

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

35

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

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

935

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

2.5 - Evaluation Process and Reforms

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

63

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

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

0

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

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

Examination are scheduled as per Institute Academic Calendar. Midterm, assignment and Quiz tests are conducted twice in a semester as part of continuous assessment. In addition, two Mini projects and one Major project executed by the students and the reviews are conducted to assess the progress of the students in project work. SMART BRAINY software is implemented for student attendance, marks and other related activities. Autonomous examsection activities like exam fees collection, hall ticketgeneration, seating plans and post processing of results are done by SMART BRAINY software. CODETANTRA is used for self learning of programming languages as well as for skill oriented courses like C, JAVA, PYTHON etc. The question paper for the end semester exam is set by external faculty members from IITs, NITs and State Government Universities who taught the subject for at least five years drawn from the approved list of paper setters. Enough care is taken to ensure the standard, spread of the

syllabus and mapping of COs and following BLOOMS taxonomy. Special squads with HODs, prompt actions by Malpractice enquiry committee against malpractices, if any, relevant concessions for the Physically Challenged students with minimum 40% of disability as per norms , etc are regular features.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

Course Outcomes (COs) are defined for every course, and are statements that describe the competencies gained by the student through the course. Every CO is aligned to one or more POs, and is measured at the end of the course, through various assessments, designed specifically to effectively measure the CO and contribute to the PO that it is mapped to.

The number of COs for a course is equal to number units i.e five COs. Lab courses may have as few as three COs. While defining the COs, we need to ensure that they are not an abbreviated version of the course content, but instead, through every CO, we attempt to specifically address one or more POs through the course content and its assessments.

When COs are well defined, the CO-PO mapping becomes redundant, as one can map the CO to the PO through comprehending the essence of the CO.

However, the strength of the mapping is dependent on the course instructor and this component, necessitates the need to have the CO-PO mapping together with its strength.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://khitguntur.ac.in/IOAC.php#IOACPO.php

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

The process of attainment of COs, POs and PSOs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom and Anderson. Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). Assessment is one or more processes carried out by the department, which identify, collect and prepare data to evaluate the achievement of POs and Program Specific Outcomes (PSOs). Attainment is the action or fact of achieving a standard result towards accomplishment of desired goals. Primarily attainment is the standard of academic attainment as observed by examination results. Course Outcomes (COs): Statements indicating what a student can do after the successful completion of a course. Every Course leads to some Course Outcomes. The CO statements are defined by considering the course content covered in each module of a course. For every course there may be 5 COs. The keywords used to define COs are based on Bloom's Taxonomy

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://khitguntur.ac.in/IOAC.php#IOACPO.php

2.6.3 - Pass Percentage of students

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

467

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://khitguntur.ac.in/IQAC.php#IQACSSS.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute provides all the required infrastructure as well as a conducive environment to encourage research on campus. Faculty members are encouraged to pursue any research topic they like, with assistance in obtaining financing from various funding organizations and industry. Researchers can report their findings at the institute. The research committee, which includes the chairman R&D, the Head of Institute, Doctorates, all Heads of Department, and the department's issue specialist, extensively reviews all research applications seeking money from various funding agencies. This committee also keeps track of the impact of research and consulting, making sure that research and consulting ethics, professional ethics, people's privacy, and human rights are not infringed. Research Centers are being built throughout the institute with the necessary software and computing technology for performing research. Provide necessary information and guidance for submitting research proposals to external funding bodies such as the UGC, AICTE, DST, and others.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://khitguntur.ac.in/policies.php
Any additional information	No File Uploaded

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

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

8,33,700

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

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

0

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

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

3.2.3 - Number of teachers recognised as research guides

13

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

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

KHIT has an Institution's Innovation Council (IIC) that works under the 'MoE's Innovation Cell (MIC)' to provide a vibrant local innovation ecosystem, a start-up supporting mechanism, a function ecosystem for scouting ideas and pre-incubation of ideas, and to help technology students develop better cognitive abilities. The Entrepreneur Development Cell (EDC) at KHIT works to promote entrepreneurship among students by hosting events such as entrepreneurship awareness camps, entrepreneurship development, faculty development, and skill development training programs.

The key goals are as follows:

1. Through lectures, exercises, and seminars, share information and insights in entrepreneurial theory and practice.
2. To achieve the objectives, collaborate with similar bodies in other B-schools and technical colleges.
3. To establish partnerships with non-profit entrepreneurial organizations to connect the e-cell to a global network of entrepreneurs.
4. To build a strong network of established entrepreneurs who are willing to mentor aspiring business owners.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR), Entrepreneurship and Skill Development during the year

14

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

3.4 - Research Publications and Awards

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

B. Any 3 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

25

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

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

82

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

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

13

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

3.4.5.1 - Total number of Citations in Scopus during the year

22

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

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

3.4.6.1 - h-index of Scopus during the year

157

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

3.5 - Consultancy

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

1257500

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

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

57500

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

3.6 - Extension Activities

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

In 2017, Jawaharlal Nehru Technological University, Kakinada assigned Kallam Haranadhareddy Institute of Technology (KHIT) a National Service Scheme (NSS) Unit with 100 students enlisted as NSS Volunteers. Our NSS unit focuses on the welfare of the local community, raising awareness of social issues and taking necessary efforts to improve society. In the surrounding villages of Dasaripalem, Obulnaidu palem, Vanamadala, Ankireddy palem, and Potturu, the following acts have been carried out.

1. Our NSS volunteers discussed the importance of cleanliness and its influence on health, particularly in the pandemic condition
2. Medical camps were held to address their general health issues
3. A traffic signal awareness programme for high school students was organized, along with explanations of how to avoid road accidents.
4. Hundreds of seedlings were planted by our students to make the communities green and tidy. Air pollution is reduced because of the plantation

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

1

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

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

14

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

2000

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

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

1

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

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

7

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

'To establish a pedestal for the integral innovation, team spirit, originality and competence in the students, expose them to face the global challenges and become pioneers of Indian vision of modern society'. At the beginning of the academic year need-assessment for replacement / up-gradation/ addition of the existing infrastructure is carried out based on the suggestions from BOS members, Heads of the departments, lab technicians and system administrator after reviewing course requirements, computer-student ratio, budget constraints, working condition of the existing equipment and also students' grievances. The Time Table committee plans ahead for all requirements regarding classrooms, laboratories, furniture and other equipment.

1 Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.

2. Effective utilization of infrastructure is ensured through appointment of adequate and well qualified lab technicians/system administrator.

3 The optimal utilization is ensured through encouraging innovative teaching-learning practices.

4 The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra - curricular activities, parent teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences etc.

5. It is used as an examination centre for Government examinations/University Examinations like GATE, EAMCET, etc

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://khitguntur.ac.in/library.php

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

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

Sport is an integral part of the curriculum. Various sports facility is provided to the students within the campus. The college is committed to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as inter departmental, inter collegiate, Inter University, etc help in developing team spirit in students. Sports and games help the students to improve their interpersonal relationship in healthy manner. Talented students are honoured with medals, trophies and certificates. The philosophy of KHIT is to support the best elements of competition, instruction and recreation by providing the opportunity for all students to participate and excel in a team setting. And it encourages the students to participate in inter and intra college sports and games. All necessary equipment are provided to student time to time. Our college Unified Sports was inspired by a simple principle: training and playing together is a quick path to friendship and understanding. The department of Physical Education in the college is well equipped with various facilities in sports and games for indoor and outdoor also. The college has indoor game facilities as Chess, Carom, Table Tennis and Cricket ground, Volley ball court.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://khitguntur.ac.in/pe.php

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

23

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

43768267

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

4.2 - Library as a Learning Resource

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

The Libraries at KHIT are integrated knowledge resource centres comprising, a Central Library in an area of 600 sq. m., with nearly 25550 books, periodicals, references, national and international journals and CD-ROMs, and other Departmental Libraries. It is automated using Integrated Library Management System (ILMS) computerized with CLMS (College Library Management Software) Open-Source Integrated Software. It has access to more than 5300 e-journals under the N-List program of INFLIBNET. Under this service online access to full text and databases from reputed publishers through N-List viz ASPP (IEEE), ACS, AIP, AR, EPW, ISID (Database), IP, JGate Plus (JCCC), Nature, Oxford, Project Muse, RSC, Springer, Taylor and Francis, Web of Science and Wiley. It also has access to DELNET under institutional membership.

Initiatives taken by the KHIT , are the following :

1. Free WI-FI, internet access, download and printout facility have been provided.
2. Reprographic facilities.
3. Organization of Book Exhibitions/Display of new books.
4. Proper system of feedback from users to improve library services.
5. System of recommendation for purchase of books through Departments.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above
---	--------------------------------------

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

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

1220250

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

134

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

4.3 - IT Infrastructure

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

KHIT continuously strives to provide state-of-the-art technologies and update its ICT facilities to ensure efficient functioning.

Extensive infrastructure has been setup during the last five years:

1. IP based Surveillance System

2. Remote Laboratories

3. Cadence Design Software

The infrastructure includes:

- **Desktops (Xeon, Intel i3, Dual Core, processor based with 4 to 32 GB RAM and 500 GB to 1TB HDD)**
- **Laptops**
- **Total number of systems =683**
- **2 Tower servers (Xeon 4.2 GHz, 32 GB RAM)**

The IP Surveillance system and phone system was established in 2017 with the following configuration:

- **IP camera (2 MP, sony, vivitek, Axis , canon, cp-plus) = 115**
- **4 NVR with 32 TB of storage**
- **2 Cisco Switches**
- **Fiber optic cables are used within campus In 2017, WIFI facility was installed with latest MikroTik wireless controller base box 2 More than 250 desktops have been added to create new laboratories and to replace legacy systems.**

These systems range from Intel core 2 duo to i3 based systems. Desktop Computers and Significant investment has been made to upgrade classrooms to e-classrooms/smart classrooms

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2922	682

File Description	Documents
Upload any additional information	No File Uploaded

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

A. ?50 Mbps

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

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

D. Any one of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

3102771

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

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

The College has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities.

Classroom management: Classroom being the most primary and important work space, it is managed with proper systems and procedures as recommended by the Management .

Stock list of assets of Class room property, cleaning and maintenance are done on a regular Basis.

Laboratory As the College has several departments, the Laboratory policy forms the core in the working of the institution.

While the Laboratory has several instruments and equipment, the same is maintained through AMCs.

1. Locations of laboratory safety showers, eyewash stations, and fire extinguishers help to assure protective measures to minimize the causalities.

2. General Instructions to students regarding the safe and secure usage while in the laboratory are displayed in each lab.

Library For overall smooth functioning of the library, it is divided into following five main sections and each section has its unique identity and with defined standard procedures the library works effectively and serves its patrons for information requirements.

1. Acquisition/ Processing Section

2. Circulation Section

3. Serial Section

4. Reference Section

5. ICT and Digital Section

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://khitguntur.ac.in/facilities.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1976

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

269

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://khitguntur.ac.in/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

415

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

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

A. All of the above

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

5.2 - Student Progression

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

415

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

5.2.2 - Number of outgoing students progressing to higher education

12

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

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

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

2

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

5.3 - Student Participation and Activities

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

10

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

The institute constituted "Student Council" for effective execution of academic and administrative tasks. The institute encourages participation of student representatives in various academic and administrative committees to provide an opportunity for student representatives to share their opinions and suggestions for welfare of students. Student representatives assist faculty members in planning, organizing and execution of various student oriented activities. Also, students actively participate in organizing professional society chapters like ACM and CSI. It encourages students to enhance their communication and leadership skills.

Roles and responsibilities of Student Council

1. Coordinate in academic related activities to improve academic performance.
2. Organization of curricular, co-curricular and extracurricular events.
3. Conduction of national level technical fests and events.

Student representatives are involved in the following committees department and institute level committees.

* IQAC

* Grievances Redressal Committee.

*Anti-ragging Committee.

*Carrier Guidance and Training Placements Committee.

*NSS Committee. Hostel Committee.

*Institute Magazine Committee Sports Committee.

*Cultural Events Committee.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://khitguntur.ac.in/cac.php

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

18

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

5.4 - Alumni Engagement

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

Alumni association works for the development of students and the institution. It assists institution not only in financial aspect but also in academic planning, technical guidance, career guidance and placements of students.

Role of Alumni Association:

- * Strengthen association between institute and its alumni.
- * Alumni members are active members of departmental BoS.
- * Participation of alumni members for evolving curriculum as per the industry needs.
- * Assists in organizing industrial visits.
- * Provides internship opportunities to the students.
- * Delivers invited talks, guest lectures and seminars on disruptive technologies.
- * Motivates and guides students to get placed in top notch

companies.

- * Provides placement support and opportunities.
- * Organizes entrepreneurship awareness programmes.
- * Provides financial support to the Institution for expanding infrastructure and organizing various events.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://khitquntur.ac.in/policies.php

5.4.2 - Alumni's financial contribution during the year **E. <2 Lakhs**

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

INSTITUTE VISION

To be a quality - oriented technical institution known for global academic excellence and professional human values.

INSTITUTE MISSION

1. To provide quality instruction with competent and knowledgeable faculty and well - equipped laboratories to meet global standards.
2. To achieve academic distinction through novel teaching and learning practice.
3. To encourage students by providing merit scholarships.
4. To prepare the graduates to accomplish professional practice, employability, entrepreneurial development and higher education.

5. To inculcate self-discipline, accountability and values in the learners for effective and informed citizenship.

6. To focus on MoUs with premier institutes and renowned industries for effective industryinstitution interaction to become an R&D centre through skill development, professional upgradation and innovation.

Nature of Governance: The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration. The Governing Body delegates authority to the Secretary and Principal who, in turn share it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of various committees and cells along with the staff representatives on higher decision-making bodies play an important role in determining the institutional policies and implementing the same.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://khitguntur.ac.in/aboutus.php

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

Decentralization

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system.

1. Principal Level

The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfil the vision and mission of the institute.

2. Faculty Level

Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge

of various academic, co curricular, and extracurricular activities.

3. Student Level

Students are empowered to play an active role as a coordinator of co-curricular and extra-curricular activities, social service group coordinator.

Participative management

The institute promotes a culture of participative management by involving the staff and students in various activities.

Strategic Level

• The principal, academic co-coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules and regulations pertaining to admission, placement, discipline, grievance, counselling, training and development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute.

•

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

1. Curriculum Development

1. Aligning curriculum design, delivery, and assessment in line with outcome-based education.

2. Curriculum design focusing on different learning experience viz.

self-directed learning, Layer learning, Project-based learning, Interactive learning, Collaborative learning, Experiential learning, and Participative learning.

Feedback mechanism on the curriculum from the stakeholders viz., industry, peer institutions, alumni and representatives from professional bodies to enhance the quality of the same.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

KHIT, established in the year 2010, has a broad Vision and Mission that focuses on innovative approach for quality teaching and research in engineering and management so as to bridge the gap between the industry, society and academia. The institute follows a democratic and participatory approach of governance for achieving its goals. All stakeholders participate actively in the administration of institute. The college has a well structured administrative and academic setup to consistently improve the quality and standard of education transmitted and to achieve excellence. The overall corporate governance structure is classified as "Academies" "Administration". With greater consideration of all stakeholders over students an effective management system is organized.

The foundation has formed various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are organized according to the instructions of the head of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	https://khitguntur.ac.in/ochart.php
Upload any additional information	View File
Paste link for additional Information	https://khitguntur.ac.in/policies.php

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching

1. Free Transportation is provided for teaching staff.

2. Maternity leave facilities are being extended to the women faculty in accordance to the set rules and norms.

Non-teaching staff

1. Free Transportation, PF for Non-Teaching staff.

2. Maternity leave facilities are being extended to the women faculty in accordance to the set rules and norms.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

41

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

1

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

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

98

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The objective of the audits is to assess and evaluate the adequacy and effectiveness of the internal control systems deployed by the institute. The audit is carrying out using a sampling approach, analysis of data, review of accounting, materials management payment processes, validation of information, combined with discussions with respective process owners. Review of Recruitment of employees, Procurement Policy, Contract Bills contract Agreements, Disbursement of salaries, Documents attached to Invoices, Compliance with contracts entered, Scrutiny of Non PO based expenses, Attendance records of teachers and other staff.

Yes, Institute has a mechanism for internal and external Audit; Management has appointed M/s K.V.R. Subba Rao & Co, Chartered Accountants, Guntur has been appointed as external auditors.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://khitguntur.ac.in/audit.php

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

2

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

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

Institutional strategies for mobilization of funds and the optimal utilization of resources Institute maintains & follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

Mobilization of Funds, the student Tuition fee is the major source of income for the institute.

1. Various government and non-government agencies sponsor events like seminars and workshops.
2. Alumni contribute to the institute by raising funds to purchase items like water coolerswall clocks, etc.
3. Sponsorships are sought from individuals for construction activities and corporate for cultural events and fests.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

KHIT attempts to chisel out the total quality person through a

persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning.

The IQAC at KHIT was constituted on 2010. Since then, it has been performing the following tasks on a regular basis:

- 1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.**
- 2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.**
- 3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://khitguntur.ac.in/IQAC.php#AQAR.php

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.

Admission to various programmes, vacations, examination schedule and declaration of results are notified in the Academic Calendar.

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.

Admission to various programmes, vacations, examination schedule and declaration of results are notified in the Academic Calendar.

All students are provided with the Student Diary that provides all details relevant for students.

Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences.

The Chief Proctor and the Discipline Committee members make random visits to ensure smooth functioning of classes.

Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process.

Feedback from students is also taken individually by teachers for their respective courses, by Proctors, NAAC and directly through IQAC. Students are also free to approach the Director and Principal of the Institute for feedback and suggestions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://khitguntur.ac.in/IQAC.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

KHIT has a well-organized ethical work culture built on inclusivity. It always focuses on strong ethical principles in all the organized activities. As Gender equality is one of the prima face challenges facing society today... the institute organizes gender equity promotion programs regularly. Resource persons are invited to speak on the given topic which highlights the significance and involvement of women in the society.

Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status. Its unique work culture, healthy practices and philosophy have led to enrolment of 874 women students and more number of women staff.

Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern to KHIT.

Institution monitors and provides facilities as follow:

- 1. Safety and security**
- 2. Surveillance system**
- 3. Medical facilities**
- 4. Girls rest rooms**

5. Counseling

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://khitguntur.ac.in/IOAC.php#IOACPRACTICE.php

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

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The NSS unit of KHIT is organizing various awareness programs on waste management. Apart from these activities, the importance of waste management and methods of waste disposal mechanism is taught to students through courses such as Environmental Studies, Environmental Engineering etc.

Solid Waste Management:

The major solid waste materials generated in the college include dried leaves or plant clippings from the lawn, paper, plastic, wrappers, glass, cardboard, and food wastes from canteen and hostel. Dustbins are positioned in each classroom, laboratory, rest room, canteen, and at different places in the campus. Sweepers are allotted to maintain cleanliness and disposal of all the waste generated in the campus. All waste/garbage from college and hostel is segregated at source and disposed off in a proper manner.

Liquid waste Management:

The major liquid waste consists of effluents from lavatories and the laboratories. These are collected in the separate septic pits and

allowed to settle into the soil. Since the effluent pits are not located close to any water bodies and the college is situated in the soil area, it gets filtered. The college has a proper drainage facility to drain off the excess liquid waste into the municipal drains safely to keep away.

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

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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

B. Any 3 of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:	A. Any 4 or all of the above
<ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of	A. Any 4 or all of the above
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reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

KHIT is always at the forefront of inviting diversity, eradicate stereotypes, enhance self-esteem, encourage students to have a voice and demand educational achievement. To achieve these objectives, courses like Constitution of India, Essence of Indian Traditional Knowledge, three weeks Orientation Program are incorporated as a small step to imbibe and inculcate these traits among the students. Teachers deliver lectures with an acceptance and appreciation for different ideas, opinions, and learning styles of the students and make an earnest effort to understand the racial and cultural characteristics of students. Along with curriculum, additional communication and soft skills classes are conducted to make the students from different backgrounds communicate effectively. Social Protection cell, Grievance Redressal cell and Lady Advisory Committee aims at social protection, ensuring tolerance and harmony, reducing vulnerability, building human capital, empowering women and girls, cultural, regional inclusion. Industrial visits expose students to the practical challenges and also make the students from different backgrounds adapt to one another to create a tolerance and harmony in the organization.

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

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

KHIT sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen. The vision of the institute is "To develop integrated manpower with right attitude, possessing knowledge and skills, required to make an honourable living and contribute to the socioeconomic development and welfare of the society". These elements are inculcated in the value system of the college community. The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The students are inspired by conducting various programs on culture, traditions, values, duties and responsibilities by inviting people from SPIC MACAY, ISKCON, Isha foundation etc. and competitions are conducted among students for Rangoli and ancient technologies.

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

<p>7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

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

The institute aims to inculcate values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year.

The celebrations include flag-hoisting, Project Exhibitions, Poster Presentations, Walks, Essay Writing, and Elocution. Eminent personalities are invited to motivate staff and students by their inspirational speeches on those days.

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

Gandhi Jayanthi : Gandhi Jayanthi is celebrated in memory of the Father of the Nation, who devoted his whole life preaching Truth and following Ahimsa. The NSS unit organized mass pledge in accordance with the Prime Ministers' urge for 'Swachh Bharat Abhiyaan'.

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

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

7.2 - Best Practices

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

- *. The institution has ICT class rooms well furnished with LCD projectors, Multimedia PCs, Wi-Fi facility and complete LAN connectivity and Internet access.
- *. Air-conditioned auditorium and seminar halls are provided with PCs and projection systems which support mass presentation.
- *. Both student and faculty have access to JNTUK's COEdRD portal for subject wise e-content.
- *. College also facilitates video conference lectures being delivered by university under MOOCs programme.
- *. NPTEL and online courses of different IITs are made available to the students and staff.

<http://khitguntur.ac.in/IQAC.php#IQACPractice.php>

File Description	Documents
Best practices in the Institutional website	http://khitguntur.ac.in/IQAC.php#IQACPractice.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The vision of the College includes aims to provide knowledge of the highest standard and achieve excellence.

To foster the spirit of love, compassion, universal brotherhood and patriotism through the ideal of tolerance of diversities within the society and thus fulfill the institution's motto, "Learn and Shine".

To facilitate holistic development of the younger generation, which includes physical, mental and spiritual well-being; moral values are taught and practised in the College campus.

The students get requisite lessons that keep their minds ignited for seeking knowledge and are motivated to do well in every sphere of their life. It is an effective mechanism for maintaining discipline, nurturing leadership abilities, exposing hidden talents of the students and punctuality.

File Description	Documents
Appropriate link in the institutional website	https://khitguntur.ac.in/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To conduct national seminars and workshops.
- To increase the Computer labs and other Infrastructure.
- To train the teachers with elementary for computer proficiency.
- Computer Training of the office staff so that they are able to efficiently handle the automation of the online administrative work To introduce post graduate courses.
- Implementation of Management Information System in an effective way.
- To take Career Guidance and Counselling programme frequently. To conduct state and national seminars. Reaffirmation of the existing committee and clubs of the College.
- Infuse social compatibility and inculcate civic sense and core values of life through various activities to be initiated by the clubs To achieve high standards in Research and Development Core Computational and ICT facility.
- To take up consultancy projects To encourage faculty for doing Ph.D, recruit faculty having Ph.D qualification from leading institutions.