

YEARLY STATUS REPORT - 2020-2021

Part A		
Data of the Institution		
1.Name of the Institution	KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE	
• Name of the Head of the institution	DR.G.SAMBASHIVARAO	
• Designation	Principal	
• Does the institution function from its own campus?	No	
Phone no./Alternate phone no.	08852247281	
Mobile no	9010695695	
Registered e-mail	kitsenggcollege@gmail.com	
• Alternate e-mail	principalkitsjq@gmail.com	
• Address	TIRUPATHI (VILLAGE), DIVILI	
City/Town	PEDDAPURAM	
• State/UT	Andhra Pradesh	
• Pin Code	533433	
2.Institutional status		
Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status			Self-f	inano	ing			
• Name of the Affiliating University			JNTUK					
Name of the IQAC CoordinatorPhone No.			DR.E.S.	ARVAI	RAMESWARUD	U		
			08852247281					
• Alternate	phone No.			9866187555				
• Mobile								
• IQAC e-r	nail address			kitsenggcollege@gmail.com				
• Alternate	Email address			princi	palk:	itsjq@gmai	1.	com
3.Website addre (Previous Acade	•	the AQ	QAR	http://www.kitsdivili.ac.in./2019 -20.pdf				
4.Whether Academic Calendar prepared during the year?		ed	No					
• if yes, whether it is uploaded in the Institutional website Web link:		ne						
5.Accreditation	Details							
Cycle	Grade	CGPA	Ą	Year of Accredita	ation	Validity from	n	Validity to
Cycle 1	B+	2.51		201	7	09/06/201	.7	09/06/2022
6.Date of Establ 7.Provide the lis UGC/CSIR/DB7	t of funds by Ce	entral /						
Institutional/Dep rtment /Faculty	ba Scheme		Funding	Agency		of award duration	A	mount
Nil	Nil Nil Ni		11		Nil		Nil	
8.Whether comp NAAC guideline		C as pe	r latest	Yes	•			
• Upload lat IQAC	est notification of	format	ion of	View File	2			

9.No. of IQAC meetings held during the year	6		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes		
 If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded		
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No		
• If yes, mention the amount			
11.Significant contributions made by IQAC dur	ing the current year (maximu	m five bullets)	
 Encourage the more number of faculty to apply research proposals for research grants from various funding agencies like DST, AICTE, UGC, DRDO, ISRO etc. 2. Implementation of Outcomes Measurement for the courses in the Programme 3. Arranging Training on the latest technologies for students. 4. Orientation Programme for 1st Year students 12.Plan of action chalked out by the IQAC in 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			
Nil	Nil		
13.Whether the AQAR was placed before statutory body?	Yes		
• Name of the statutory body			
Name	Date of meeting	g(s)	
Management	04/02/202	3	
14.Whether institutional data submitted to AISI	IE		

Year		Date of Submission	
	2023	05/01/2023	

15.Multidisciplinary / interdisciplinary

The vision of the National Education Policy is to provide quality education on global standards with diversity for all curricula and pedagogy with Technological Innovations in Teaching Learning Process. To develop the all-around capacities of the students, the college is planning to set up short-term and vocational courses. The aim is to make the students equipped so that they don't need to rely on Government jobs but instead pave the way towards self-employment. As the College is preparing itself to have more multi-disciplinary subjects it tries to identify the program learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each program achieves its goal.

16.Academic bank of credits (ABC):

The institution's preparedness in the implementation of the Academic Bank of Credits depends upon the guidelines of the affiliated university JNTUK. The pedagogical approach of the institution is student-centric whereas the faculty's pedagogical approaches are constructivist, inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Student's learning outcome.

17.Skill development:

The Institution is already conducting the skill courses as designed by the affiliating university from Semesters 3 to 6 in various programs. For the employability of students, the college has already been running courses such as Soft Skill& Personality Development, etc. Proper synergy is needed between skill development and industry and vocational education, with mainstream education for this, proper labs should be set up in the college and the said work has already started creating such lab structures in the college itself.

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

Preservation and promotion of languages are one of the targets of the College in the future, through

discussions/interactions/symposiums, etc in local languages will fetch extra credit to the student. These changes will also increase employability opportunities. Frequent field trips to local heritage sites/museums shall value their culture and traditions. This will boost the tourism sector and Create awareness among students. HED needs to identify a foreign university and sign MoU for the exchange of credits between foreign universities and colleges.

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

The KITS College also makes an effort to understand that the pursuit of knowledge is a life-long activity and to acquire a positive attitude and other qualities will lead students to a successful life. To interpret, analyze, evaluate and develop responsibility and effective citizenship is one of the program outcomes of the student's Variety of approaches to teaching Learning processes like lectures, seminars, tutorials/workshops/practical and project-based learning fieldwork,technology-enabled learning internships and apprenticeship and research work is suggested.

20.Distance education/online education:

This institution is already prepared for online education, especially during the COVID-19 pandemic situation, the various technological tools used by the faculties are Google Classroom, Zoom using videos as teaching and learning aids, Group collaboration, and interaction and assignment and revision, as well as assessments, have been conducted, are some of the institutional efforts towards blended learning and to meet the future challenges.

Extended Profile

1.Programme

1.1		550
Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template		<u>View File</u>
2.Student		
2.1		550
Number of students during the year		
File Description Documents		
Institutional Data in Prescribed Format		<u>View File</u>

2.2		462
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template		View File
2.3		471
Number of outgoing/ final year students during the	year	
File Description	Documents	
Data Template		View File
3.Academic		
3.1		87
Number of full time teachers during the year		
File Description	Documents	
Data Template		View File
3.2		87
Number of sanctioned posts during the year		
File Description	Documents	
Data Template		View File
4.Institution		
4.1		54
Total number of Classrooms and Seminar halls		
4.2		385.98
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		650
Total number of computers on campus for academic	c purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The programs are offered at KITS Engineering college, affiliated with Jawaharlal Nehru Technological University, Kakinada and our college follow the Academic Calendar issued by Jawaharlal Nehru Technological University, Kakinada. The Principal, Heads of the departments, and Time table co-ordinators prepare a draft of the timetable which includes theory, practicals, soft skills, campus recruitment training classes, and co-curricular activities like sports which enhance students' academic excellence as well as personality development.

The College academic committee which consists of the Principal and Heads of the department going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conduct frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process.

The College academic committee invites proposals from the departments for various skill development course schedules and certificate or add-on programs in the curriculum to enhance the overall development of the students.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

KITS Engineering college follows the prescribed curriculum of Jawaharlal Nehru Technological University-Kakinada. For the direct and successful conduction of the course, we create a lesson plan and pursue the objectives and outcomes of the course for every semester in the UG and PG programs. Assignments and online quiz exams are conducted to enhance the student's knowledge. Courses are assigned to Faculty members by the Head of the Department and Principal based on their areas of expertise and subject preferences. The faculty strictly adheres to the academic calendar to prepare the course files which includes the vision, mission, timetable, lesson plan, course outcomes, teaching notes, previous question papers, and previous performances.

The total duration of each Semester includes registration, instructions, continuous internal evaluation, and semester-end evaluation. Internal assessment can be done by conducting internal examinations based on the academic calendar and the timetable for conducting examinations given by the University and the internal examinations-related activities like evaluation of answer scripts, posting of marks in the portal, and display of marks in the notice board for the students is undertaken in a systematic manner. The external assessment is based on the semester-end examinations conducted by the university.

File Description	Documents		
Upload relevant supporting document	No File Uploaded		
Link for Additional information	Nil		
1.1.3 - Teachers of the Institution following activities related to cur development and assessment of the University and/are represented of following academic bodies during Academic council/BoS of Affilian Setting of question papers for U- programs Design and Developm Curriculum for Add on/ certifican Courses Assessment /evaluation affiliating University	rriculum the affiliating on the g the year. ting University G/PG nent of ate/ Diploma		
File Description	Documents		
Details of participation of teachers in various	<u>View File</u>		
bodies/activities provided as a response to the metric			

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

06

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	<u>View File</u>

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1048

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institute integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum in addition to conducting various Orientation/awareness programs on gender sensitivity, soft skills, career guidance, women empowerment, etc.

In order to integrate the crosscutting issues relevant to environment and sustainability, human values, and professional ethics, University has included different types of courses in the curriculum such as Intellectual Property Rights and Patents, Professional Ethics, and Human Values to develop awareness among students about environment and Sustainability.

Environment studies in engineering programs cover various areas of sustainability and Environmental issues. The Environment has a significant impact on human health and well-being. Professional ethics and human values course provide basic inputs to students in order to instill human values and help them grow into responsible citizens with proper personalities.

The above courses offered in the curriculum by the university help the students to practice the values, follow the code of conduct, understand the environmental challenges, and strive for creating a better world for tomorrow.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<u>View File</u>

1.3.3 - Number of students undertaking project work/field work/ internships

450

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<u>View File</u>

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the	Α.	All	of	the	above
syllabus and its transaction at the institution					
from the following stakeholders Students					
Teachers Employers Alumni					
Feachers Employers Alumni					

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded
142 - Feedback process of the I	nstitution may A. Feedback collected, analyzed

1.4.2 - Feedback process of the Institution may A. Feedback collected, analyzed

be classified as follows

and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

468

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<u>View File</u>

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

462

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution will assess the learning levels of students before starting the teaching-learning process. After students are admitted to KITS Engineering College, they are classified based on their qualifying examination and the Selection exam, called the EAMCET and marks procured in intermediate/+2, as Advanced and Slow learners. Student learning abilities are evaluated in subsequent semesters through midterms, assignments, class interaction and mentoring through regular observation in the following areas:

- Student's confidence level in achieving their goals.
- Self-sufficient ability of the student in doing various activities.
- Optimism (hopefulness and confidence) of the student.
- Student's leadership qualities and active participation in various activities.
- Student's performance in theory and laboratory sessions.
- Knowledge of the student in doing technical and non-technical projects .
- Student's plan of action in achieving ambition.
- Student's Email etiquette and Presentation skills in giving seminars.
- Participation of the student in curricular, extra-curricular and Research oriented activities.
- Consistent performance of the student in achieving overall performance in semester exams

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers	
1450	87	I

File Description	Documents
Any additional information	No File Uploaded

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

Students at the KITS Engineering College benefit from studentcentric methods as they become more independent and self-motivated, and their learning becomes more enjoyable and efficient. By focusing on student-centric learning rather than teacher-centric methods, the institution strives to help students build lifelong learning skills.

Students' learning experiences are enhanced by faculty members' consideration of student-centric learning methods during course plan development. By practicing, doing experiments, planning and developing projects, etc, one can improve understanding, communication skills, problem-solving skills and listening skills. Faculty members work more diligently to make learning more interactive by adopting the below-mentioned student-centric methods.

Various Activity-based techniques adopted by the faculty members are listed below:

Experiential Learning:

To enhance creativity and cognitive ability of the students, KITS Engineering College applies the following experiential learning practices.

- · Advanced experiments in the laboratory sessions
- Extensive knowledge of market trends through internships
- · Add-on Courses on latest technologies
- Project development

Participatory Learning:

- Group Discussion, Debate, Role Play, Quiz
- Technical Seminar Presentation

• NPTEL certification cours

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

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

With the rapid development of computer technologies, the ways of living, working, and learning of people have changed. Learning through technologies has become a valuable method of learning in today's society. ICT technologies are very essential for teachers to make students experience the new approach to learning. Therefore, ICT enabled technologies have become an important consideration in the process of curriculum implementation at the KITS Engineering College.

Learning Management System (LMS) & E - Learning Resources

- Information & Communications Technology (ICT) enabled teaching methodologies and the faculty members in classrooms are following advanced technology.
- The academic plan with budget, lesson plan, lab manuals and question banks with solutions are made available at the very beginning of the semester. Called It an Academic book for each semester.
- Use of multimedia teaching aids like LCD projectors, classrooms with internet-enabled computer/laptops/tablet systems are usually in use in the classroom.
- These courses are the part of LMS.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors 72

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

87

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

06

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

There are various strategies to meet the evaluation methods, we are strictly adhering to JNTUK university norms and conditions for internal evaluation. There are various time slots allocated to conduct descriptive and online tests (Quiz) for each and every department. Based on the University academic schedule, each faculty prepares the internal examination and the assignments considering the entire coverage of the Cos and also the taxonomy as appropriate. While preparing the assignment questions, faculty will try to coverall the possible taxonomies to the maximum extent.

Two Mid Examinations are conducted for students as per university norms in each semesterFinal Mid marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per thescheme. The answer scripts will be distributed to students in the classroom and the scheme will be explained. The discrepancies/grievances, if any will be resolved by the teacher before submitting the student performance to the college examinations section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Based on the University JNTUK academic schedule, we have planned to conduct internal examinations i.e., descriptive, and online tests. The college strictly follows the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations. Paper setting and evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time.

- Two internal assessment tests Mid-1 & Mid-2 are conducted in each semester at the department level.
- The evaluated internal answer scripts are distributed among the students in the classroom, if there are any corrections in evaluation that will be rectified immediately by the faculty of the same subject.
- If any discrepancy is found in the submitted marks, it will be brought to the notice of the University examination section within one week from the submission through proper channel with all proofs; it will be sorted within the time-bound, this is the facility provided by the University examination section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The institute has adapted Outcome Based Education (OBE) and follows unique methodology for computation of Course Outcome attainment for the courses prescribed in the syllabus by JNTUK, inferring information on attainment of individual Course Outcome, attainment of a Course as a whole and finally attainment of various Program Outcomes to which the course is mapped.

To make students and faculty aware of Program Outcomes (POs) and Course Outcomes (COs) the institute is follows various practices such as:

The Program Outcomes and Course Outcomes are published in college website, at department display boards.

The affiliating university has defined the course outcomes of each course and printed in the academic regulation books.

The POs are disseminated during the Faculty Development Programs, seminars, workshops and other activities conducted by the

department.

Faculty and students are made aware of both the Program Outcome and Program Specific Outcome by placing them in prominent locations in the institute premises and also by placing them on the college website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Program Outcomes (PO) are broad statements that describe the professional accomplishments which the program aims at. Each course has specific measurable course outcomes. Each course has 5 or 6 units and in general each unit relates to a specific course outcome

For each course, attainment level of all course outcomes is arrived at scrupulously based on the student performance in the internal and external examinations. Thus, the attainment of course outcome is a combined result of direct and indirect assessment.

In the process of course outcome assessment 80% of overall attainment is considered from direct assessment and 20% is considered from indirect assessment.

Direct Assessment Tools:

Theory Internal and External Examination

Assignments

Day to day evaluation in Laboratory

Internal and external Practical Examination

Indirect Assessment Tools:

Course End Survey

Feedback collected from other stakeholders

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

413

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
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)

http://www.kitsdivili.ac.in./2020-21.pdf

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 year (INR in Lakhs)

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

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

00

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<u>View File</u>

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and nongovernment agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The KITS's Research & Development (R & D) Cell supports and promotes a research culture among teachers and students. Its main function is

to establish connections with the outside world and to advance research through publications. It works tirelessly to pool skills and internal resources, develop strategies, overcome obstacles, and make the College proud to be among the best colleges.

Priorities for the cell include increasing citations, patent applications, and publication statistics. It engages in several efforts, including encouraging faculty members to submit project proposals to the government and other agencies, running skilldevelopment programs for students focused on innovation, and developing interdisciplinary research projects.

Faculty members and students attended several workshops and seminars on creative teaching and learning methods. Students from all disciplines participated in a seminar on "Awareness of higher education". Students got a greater understanding of higher education because of this program.

Faculty and students attended a seminar session on "cyber security." Seminars on "Research Methodology" and Seminars on "How to write an abstract to improve your Research" were held in the Research and Development Department.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

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

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

00

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

20

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Jawaharlal Nehru Technological University, Kakinada, initiated a National Service Scheme (NSS) Unit at KITS Engineering College with 100 students enlisted as NSS Volunteers.

Extension activities in the neighbourhood community during the accreditation period:

The NSS Unit at the KITS Engineering College eagerly prepared for National Voters Day. The event took place on January 26, 2021, at Sri Krishnapatnam Village in collaboration with Rajanagaram Mandal.

A blood donation camp was graciously hosted on campus by the NSS Unit of the KITS Engineering College. On October 2, 2020, the birthday of Mahatma Gandhi, the leader of the Indian freedom movement and a founder of the philosophy and tactic of non-violence, the International Day of Non-Violence was conducted. The KITS Engineering College NSS team arranged a food distribution camp and provided food for elderly and orphaned individuals.

The NSS unit of KITS Engineering College successfully carried out health awareness initiatives, such as National Dengue Day Awareness and World Health Day programs, in the adjacent communities.

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

10

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1140

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

16

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<u>View File</u>

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

16

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

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 equipment etc.

The KITS Engineering College campus is located on 10.13 Acres of land on a lush green campus with huge physical infrastructure to accommodate all departments properly. Each classroom has 72 seats, teaching surfaces including whiteboards and blackboards, and notice boards for efficient communication. All laboratories are outfitted with first aid kits and adequate safety equipment, and everyone is given training on how to obey safety regulations. The KITS Engineering College has a sizable collection of computers equipped with the most recent configurations and technologies that are utilised by students and instructors.

Additionally, additional computers are set aside for academic and office use. Each lab has a LAN and wi-fi connection for internet browsing. By utilising electrical safeguards and fire safety systems, the utmost safety is ensured for both people and machinery. One computer can only have one learner using it at once. For regular and supplementary requirements, several licenced and freeware software is accessible for students and instructors. All laboratories have access to UPS backup power.

The university has four seminar halls that are well equipped with ICT and may be used to host guest lectures, seminars, tech presentations, group discussions, debates, role plays, etc. for students and teachers.

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

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute has following facilities for the students

Central meeting Hall: There is a central seminar hall which is centrally air- conditioned.

Transportation:Transportation is available from prominent locations in Rajahmundry and all surrounding places up to 80 km radius at scheduled hours based on students' demand. Transport facilities for members of faculty and staff, as also for visitors, are available from same locations.

The campus includes an excellent cafeteria, a branch of Punjab National Bank and indoor games facilities. Students are urged to compete in inter-collegiate sporting events and are encouraged to try out for the university squad.

Games & Sports: There are excellent facilities for outdoor games and

sports like cricket, football, volleyball and basketball managed by a Sports Officer. Physical education is emphasised for the entire personality development of students. Equipment is available for daily sporting activity.

Outdoor games Facilities:

- Cricket
- Volley Ball
- Basket ball
- Kho-Kho
- Throw ball

Indoor games Facilities:

- Chess
- Carom Board
- Badminton

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

09

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

104.215

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

4.2 - Library as a Learning Resource

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

- 1. Name of ILMS software: E-Cap/2016-17
- 2. Nature of automation: Full

Features of E-Cap

E-Cap library management software is flexible to run on any operating system. Circulation can be handled using Biometrics, Smart cards. It supports various electronic resources like the Image and multimedia files. Bar-code ID cards can be printed along with an option of attaching members' photographs. KITS library comprises the Central Library and Departmental libraries. The Central Library is centrally located andvisiting capacity of about 200 more. The library is fully automated with E-Cap library management software (E-Cap 5.0). The barcode ID and scanner are used for charging and discharging the books.

The KITS library has a collection of Engineering & Management books, Reference, Scientific Journals etc. Separate stacking racks are maintained for every source in the library. The Central library of the Institute has a digital library section with 15 systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil
4.2.2 - The institution has subscription for the A. Any 4 or more of the above following e-resources e-journals e-	

ShodhSindhu Shodhganga Membership ebooks Databases Remote access toe-resources

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<u>View File</u>

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/ejournals during the year (INR in Lakhs)

7.76

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

350

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute has adequate and latest IT infrastructure. The entire Institute is Wi-Fi enabled with necessary firewalls and computer

labs are connected through LAN with internet facilities. The institute aims at providing the futuristic facilities to students so that they can optimum utilize the available resources. The institution frequently updates its IT facilities to provide the state-of-the-art infrastructure to students and a dedicated team with in-house staff is formed to take care of IT and related needs of the campus. Around 60% classrooms have been equipped with LCD projectors and most of them are supported by audio visual systems. Wi-Fi routers are arranged with 100 MBPS in the college which are accessible to staff and students. There are 15 Systems in the library for the Digital Library and library automation service usage. The facility makes the students to find the books easily. High speed Xerox cum scanning machines are available in the examination cell to meet exam requirements. However where ever necessary, Licensed software is made available as per the recommendations of the university BOS. The internet bandwidth connectivity is upgraded based on the requirement to provide the quality internet connectivity.

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

4.3.2 - Number of Computers

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded
4.3.3 - Bandwidth of internet con	nnection in the A. ? 50MBPS

Institution

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

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

57.89

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

The maintenance committee headed by The Principal and convened Administrative officer monitor the work of supervisor in next level. Maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities.

General maintenance: Regular cleaning of class rooms, floor, laboratories, library and rest rooms are done by housekeeping staff. The college is power backup with generator.

Laboratories maintenance: Preventive and breakdown maintenance procedures are followed for all laboratories through scheduled periodical checkups. The laboratory equipment and machinery are maintained by well-trained technical staff. The minor repair/service will be done by the technical staff with lab in-charges.The major service requests will be forwarded to Principal through Head of the department. The maintenance department, find for suitable service personal for rectification. Annually stock verification of all laboratories and other facilities are carried out.

This team looks after regular maintenance and repair of furniture, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom and IT services.

The requirements of the books are collected by librarian from

department as per the demand from students and faculty.

Electrical maintenance: The generator, lighting, electrical, air conditioners, and RO system maintenance is carried out by in-house electricians.

File Description	Documents			
Upload any additional information	No File Uploaded			
Paste link for additional information	Nil			
STUDENT SUPPORT AND PRO	STUDENT SUPPORT AND PROGRESSION			
 5.1 - Student Support 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year 				
			1270	
			File Description	Documents
Upload salf attastad latter with	No Filo Uploaded			

Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

File Description	Documents	
Upload any additional information	No File Uploaded	
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>	
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skillsA. All of the above		
File Description	Documents	
Link to Institutional website	Nil	
Any additional information	No File Uploaded	
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded	
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year		
359		
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year		
359		
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)	<u>View File</u>	
5.1.5 - The Institution has a transparent mechanism for timely redressal of studentA. All of the above		

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

471

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<u>View File</u>

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<u>View File</u>

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

9

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

5.3 - Student Participation and Activities

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

5.3.1.1 - 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 year.

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, cocurricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

KITS Engineering College recognizes the importance of student involvement in the growth and success of the institution. At this point of view, the college has established various committees that are composed of student members. These committees include the IQAC, which works to create a learner-centric environment and internalize the quality and culture of the college; the Administrative Committee, which provides input and feedback on issues such as cleanliness and infrastructure; the Sports and Cultural Committee, which organizes events such as annual day celebrations and intercollege sports meets; the NSS Committee, which promotes inclusive growth and awareness in the community; the Student Grievance Committee, which addresses student problems and works to resolve them in a fair and transparent manner which includes their problems in academics too, the Hostel Committee, which addresses issues in the college residence halls, food issues, accommodation issues; and the Women Empowerment Committee, which works to promote gender sensitivity and self-defense. Through their participation in these committees, students have the opportunity to upgrade their communication skills, teamwork, problem-solving abilities, and leadership qualities. This participation of students in all these committees enriches their knowledge and exposure to the outside world.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

13

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

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

The Alumni cell contributes to the institutional development through financial and other services. The KITS Engineering College Alumni Association was a nonprofit Association and independent body. Its aim is to provide a platform for Alumni to come together and support the college in building the institution globally. All the graduates are automatically the members of our Alumni cell. The aim of our Alumni cell is to enhance a beneficial relationship between our Institute and Alumni and strive towards the social, academic and economic growth of the institution.

The Alumni members play a major role in placement oriented training programmes for current academic year studentsThe Alumni association cell recommends the incorporation of training programmes based on the industry specific skill requirements inorder to improve our student's employability.

The present students actively interact with the alumni cell and the association to upgrade the latest technology and opportunities'. The Alumni association conducts activities periodically and supports the betterment of our institute. The basic function of the Alumni is to promote a lifelong relationship and to exchange professional and

technical knowledge and organize seminars, workshops and training programmes. **File Description** Documents Paste link for additional information Nil No File Uploaded Upload any additional information E. <1Lakhs 5.4.2 - Alumni contribution during the year (INR in Lakhs) **File Description** Documents Upload any additional No File Uploaded information **GOVERNANCE, LEADERSHIP AND MANAGEMENT** 6.1 - Institutional Vision and Leadership 6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution Vision To evolve as a Premier Engineering Institution in the Country with its continuous strive for excellence in Education, Research and Technological Services. Mission • To generate the community of highly learned students with greater acquirement of knowledge and to apply it professionally with due

• To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.

• To foster the research and disseminate research findings.

consideration for ecological, economic and ethical issues.

• To build in capabilities for advancing education, technology, management and research at international standards.

Governance:

The KITS Engineering College has defined and designed its governance

by keeping it's vision and mission. Various academic administrative and cultural committees are formed to ensure good governance in the Institution. Good governance requires the transparency of information regarding academics and management to all the student community, teaching & non teaching faculty.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization:

Institute has a common platform for delegating authority and providing operational autonomy to all the functional for working towards the success of the institution.

IQAC of this college contributes significantly and the following two practices are institutionalized.

• Practice 1: Facilitating Digitization of Teaching-Learning Process: IQAC initiated to implement for creating digital classes while teachers teach the lessons as a part of Learning Management System.

• Practice 2: Implementation of Outcome-Based Education: Outcome Based Education is another initiative by IQAC and IQAC organized workshops by inviting experts to explain OBE approach to all the teaching staff members.

As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), mapping of COs with POs and PSOs.

Committees that involve stakeholders as members / special invitees:

- 1. College Academic Committee
- 2. SC/ST Committee

- 3. Internal Complaint Committee
- 4. College development Committee
- 5. Co curricular & Extracurricular Activity Committee
- 6. Discipline Committee
- 7.Internal Quality Assurance Cell
- 8.Anti-Ragging Committee
- 9. Grievance Redressal Committee

10. Women Empowerment Cell

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Curriculum Development:

• Being an affiliated college we attend curriculum planning meetings organized by Director, Academic and planning JNTUK.

Teaching and Learning:

- Industrial & construction site visits are arranged for all students.
- Internships are being arranged for students.
- Outcome Based Education is being implemented.

Examination and Evaluation:

• Faculty are better participating in Question paper setting, scheme preparation and evaluation by the university.

Research and Development:

• KITS ENGINEERING COLLEGE encourages the students to involve in

various research activities, and provides all the facilities to carry out research.

Library, ICT and Physical Infrastructure / Instrumentation:

- Library adds new titles and volumes of text books annually .
- Conventional class rooms have been converted into e-class rooms with LCD projectors, digital boards, and audio systems.

Human Resource Management:

• KITS ENGINEERING COLLEGE provides faculty facilities and financial assistance to attend FDPs, seminars, and conferences.

Industry Interaction / Collaboration:

- Institution has an I to I cell for continual implementation of industry related activities.
- MOUs are signed with reputed industries
- Admission of Students:
- Admission policy is made by the APSCHE.
- 70% of admissions are filled by convenor, APEAMCET, and 30% by institution.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Vision

To evolve as a Premier Engineering Institution in the Country with its continues strive for excellence in Education, Research and Technological Services.

Mission

• To generate the community of highly learned students with

greater acquirement of knowledge and to apply it professionally with due consideration for ecological, economic and ethical issues.

- To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.
- To build in capabilities for advancing education, technology, values, management and research at international standards.

Quality Policy

To Produce quality engineering graduates found to be resourceful and innovative in approach with readiness to shoulder challenging assignments in academics with research inculcation.

Appointment rules:

The selection committee must prepare a job description and specifications for the candidate to be hired. The recruitment process is includes written test, demo, interview and final interaction with management.

Service Rule

All service regulations shall apply to the hired professor in accordance with AICTE and JNTUK guidelines.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded
6.2.3 - Implementation of e-gove areas of operation Administration Accounts Student Admission an Examination	on Finance and

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e- governance in areas of operation, Administration etc(Data Template)	<u>View File</u>

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution supports the staff to enhance their professional development by:

Exclusive induction training for new faculty members and expert lectures on advanced technologies are organized regularly. 100% sponsorship for attending various events.

campus has well-defined initiatives for faculty empowerment through training and encouragement.

All faculty members are deputed to attend FDP that are conducted at various institutions. Senior faculty evaluate new faculty members' performance and give peer comments. Department Head gives a presentation on how to effectively conduct theoretical and laboratory sessions. If any faculty still feel difficult to handle the subjects will be sent for training again in the consecutive semesters.

Measures were taken by the institution for attracting and retaining eminent faculty

Faculty members and non-teaching staff are eligible to avail CL working for the institute on non-working days and general holidays. Faculty members interested in pursuing a Ph.D. on Part-Time basis shall submit an application to the management through the principal seeking permission for registration.

Some other welfare measures provided by our institution:

• Pregnant ladies and lactating mothers are given necessary

concessions in their day to day work and they are given flexible timings as per their requirements,

- Provident fund for all the employees who fall under the eligibility criteria as per norms
- Management funded training programs for teaching and nonteaching employees.

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

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

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

43

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

05

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

43

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<u>View File</u>

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Management assesses faculty performance based on teaching, research, teamwork, and organising various activities. The assessment system encourages employees to achieve and put forth their best efforts. Staff retention is one of the Institution's strengths. The following variables are thoroughly examined in the evaluation procedure for teaching staff: Participating in conferences, workshops, faculty development programmes, and other innovative teaching approaches allows you to improve your skills. Pursuing further education (Ph.D.), doing research, and securing patents. The proportion of students that passed the University Examination. Publication of works in Scopus indexed/impact factor/e-journals and conference proceedings, publication of chapters in books and book publication, carrying out funded projects, Mentoring and Counselling approaches, feedback for HOD & Principal, feedback from students, Establishing rapport with peers active participation in team work. Undertaking new academic ventures and being team leads, rewards for outstanding achievements in their studies pursued after joining the institution. Attending specific conference/ training programs related to cells, for which they coordinate as team leaders.

Awards and rewards are given for being an excellent academician-State and national level community service through the Institution and involvement in extracurricular activities outside the Institution.

File Description	Documents
Paste link for additional information	Nil
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution has an internal and external auditing system, with internal auditors analyzing and verifying revenue, costs, and capital expenditures, and external audits on a quarterly basis. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects. When the audit team notices minor mistakes, omissions, or commissions, they are quickly fixed or rectified, and precautions are made to prevent future occurrences. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

00

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

KITS ENGINEERING COLLEGE is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

- Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.
- Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.
- All the major financial decisions are taken by the Management of college.

All the major financial transactions are analyzed and verified under following sections:

- Research & Development
- Training & Placement
- Software & Internet charges
- Library Books / Journals
- Repair & maintenance
- Printing & stationary
- Equipment & Consumables
- Furniture & Fixtures
- 1. Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
- 2. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

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

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

IQAC of the college contributes significantly and the following two practices are institutionalized.

Practice 1: Facilitating Digitization of Teaching-Learning Process:

IQAC initiated to implement for creating digital classes while teachers teach the lessons as a part of Learning Management System. Teachers will be ready with all teaching content such as video lectures, study materials as per lesson plan and the class work goes on as per the academic calendar. Feedback will be collected from students periodically to ensure the quality of the system.

Practice 2: Implementation of Outcome-Based Education:

Outcome Based Education is another initiative by IQAC and IQAC organized the workshops by inviting experts to explain OBE approach to all the teaching staff members. As a part of this initiative, teaching staff prepared programme educational objectives (PEOs),

programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), Correlation of Cos with POs and PSOs. Preparation of question papers using Blooms Taxonomy levels of learning and attainment of POs, PSOs for each course which facilitates to implement OBE in the college.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

College reviews its teaching-learning processes, structures and methodologies periodically and the examples are presented here.

Review Mechanism of Teaching-Learning Process:

Review of teaching learning process will be carried out through attendance reports, performance of students in mid-term examinations and assignments, lesson plans and syllabus coverage, classes and laboratory sessions conducted as per the academic calendar issued by the university, Course materials, and remedial classes for slow learners and participation of students in co and extracurricular activities etc.

Attainment of COs, POs and PSOs:

As a part of OBE implementation, IQAC reviews the attainment of COs, POs and PSOs after publishing the results by the University and analyzes the gap between target and attained levels. If the targets are achieved then IQAC suggests to increase the target level for the next semester otherwise IQAC suggest the teaching staff members to identify the probable cause in the form of observations and corresponding action to be initiated by the faculty member/HOD to achieve the target.

File Description	Documents	
Paste link for additional information		Nil
Upload any additional information		No File Uploaded
6.5.3 - Quality assurance initiati institution include: Regular mee Internal Quality Assurance Cell Feedback collected, analyzed an improvements Collaborative qua with other institution(s) Particip any other quality audit recogniz national or international agencie	ting of (IQAC); d used for ality initiatives pation in NIRF ed by state,	B. Any 3 of the above

Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

The Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security:

The Institution has a special cell called Student Grievances Redressal Cell through which it addresses the student's grievances related to academic and non-academic matters, such as any criticism, victimization by teachers.

2. Hi-Tech Surveillance system:

The Institution maintains E- Surveillance with high resolution cameras throughout day and night. This facility of distributed recording has been set up in the campus to have a strict monitoring over any strangers entering the college by high quality CCTV cameras.

3. Hostels:

There are different hostels for boys and girls. There are spacious dining halls to make them feel at home. Students' safety is monitored under a set of well-defined rules and guidelines of wardens.

4. Medical Facilities:

Health center with a qualified doctor and a nurse is available in the campus to provide medical care to the students.

5. Counseling:

Institution has consistently strived to address contemporary issues like gender sensitization, inferiority complex, ragging. We counsel through the various seminars, workshops and awareness programs by guest lecturers and senior faculty.

File Description I	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil
7.1.2 - The Institution has facilitie alternate sources of energy and en conservation measures Solar ene Biogas plant Wheeling to the Grid based energy conservation Use of power efficient equipment	nergy ergy d Sensor-

File Description	Documents
Geo tagged Photographs	No File Uploaded
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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

In KITS campus the following initiatives are taken towards the waste management are as follows:

Solid Waste Management

The major solid waste materials generated in the college consists of horticultural waste, which 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 etc. Sweepers are allotted to manage all of the waste generated in the campus.

Liquid waste Management

The major liquid waste consists of effluents from lavatories. 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.

E-Waste Management

The Electronic equipment that cannot be refurbished is disassembled and segregated to send to recyclable units. E-waste generated in the campus is collected via the maintenance team and is appropriately disposed of through vendors.

Chemical Waste

Indiscriminate use of chemical compounds in laboratory liquid chemical wastes are effectively disposed, glassware used with inside the laboratory is rinsed with water and located with inside the liquid waste container. Inorganic wastes which include concentrated acidic or alkaline solutions are neutralized before disposal.

File Description	Documents	
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded	
Geo tagged photographs of the facilities	No File Uploaded	
7.1.4 - Water conservation facilit in the Institution: Rain water ha well /Open well recharge Constr and bunds Waste water recyclin of water bodies and distribution campus	rvesting Bore uction of tanks g Maintenance	
File Description	Documents	
Geo tagged photographs / videos of the facilities	No File Uploaded	
Any other relevant information	No File Uploaded	
7.1.5 - Green campus initiatives include		
7.1.5.1 - The institutional initiati greening the campus are as follo	-	
 Restricted entry of autom Use of bicycles/ Battery-p vehicles Pedestrian-friendly pathw Ban on use of plastic Landscaping 	owered	
File Description	Documents	
Geo tagged photos / videos of the facilities	No File Uploaded	
Various policy documents / decisions circulated for implementation	No File Uploaded	

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the A. Any 4 or all of the above

following 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	No File Uploaded	
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 disable barrier free environment Built en with ramps/lifts for easy access to Disabled-friendly washrooms Sig including tactile path, lights, disp and signposts Assistive technolog facilities for persons with disabilit (Divyangjan) accessible website, a reading software, mechanized eq Provision for enquiry and inform Human assistance, reader, scribe reading material, screen	nvironment to classrooms. gnage play boards gy and lities screen- quipment 5. mation :	

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the 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 socioeconomic and other diversities (within 200 words).

KITS remains exemplary in executing cultural and social activities

by providing an inclusive environment for the students. The purpose of conducting such events in the institute is to inculcate the sense of peace, equality & harmony among students.

The Institute affirms pristine transparency by meritorious admissions, indeed unbiased and keeps chances equally open to all students irrespective of the caste, creed, regions, and religion. The renowned institute maintains the sense of respect towards all cultural and technical activities such as Treasure hunt, Flash Mob, Postal Presentation, Project Expo etc.

The institution commemorates days like Sri Mokshagundam Visvesvaraya birth anniversary, the great guru Dr.Sarvepalli Radhakrishnan, Yoga Day. Women's Day celebrations are encouraged every year among the women and girl students to take up leadership roles and participate actively in all student activities etc. Awareness programs like Blood denotation camps, planting trees in nearby villages to safe guard environment takes place in the institution.

All national and state wide festivals are celebrated with full spirits. This built unity and reliance among students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

KITS Engineering College 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 first and the foremost criteria of KITS is to furnish students with knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life and by empowering them with an educational experience where they can hone important skills for the future.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by

inviting eminent people. The institute conducted awareness programs by involving students to take the lead by planting trees, awareness on sanitary and hygiene, Swatch Bharat, etc.

International Women's Day on the 8th of March is observed every year. Various games and competitions are conducted for women. Various competitions like essay writing, elocution and singing, painting, Mahanadi are conducted to encourage girl students. The Celebration of National Festivals, commemoration of Birth and Death Anniversaries of great Indian Personalities takes place every year in the Institute with enthusiasm. The Institute celebrates Republic Day, Independence Day, and Gandhi Jayanthi etc.

File Description	Documents	
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil	
Any other relevant information		Nil
7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized		A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

festivals

KITS Engineering College celebrates Independence Day and Republic Day as part of the institution's commitment to upholding certain pristine principles and objectives. These wings are also inclined to organize national festivals, commemorate the lives of national leaders, and raise awareness of nationalism. Having respect for the ideas and philosophies of the great citizens of our country is also beneficial.

The institution commemorates the birth and death dates of notable Indians including Mahatma Gandhi, Dr. A.P.J Abdul Kalam, and Dr. Babasaheb Ambedkar. The institute is proud to celebrate Gandhi Jayanthi in honor of the nation's founding father, who is honored for his Ahimsa, honesty, and simplicity.The Institution celebrates March 8 is recognized as Women's Day as a sign of admiration for women's heroic efforts in both their personal and professional lives.

Dr. APJ Kalam's birthday is celebrated with National Education Day. The institute holds contests like elocution and essay writing in this aim. Every year, students and staff participate enthusiastically in International Yoga Day. Other national holidays celebrated in India include World Water Day, Teachers' Day, which is held on September 5 each year to commemorate Dr. Sarvepalli Radhakrisnan's birth anniversary.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

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Best Practice-I
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1.Title of the Practice: Outcome Based Education Mechanism(OBEM)

2. Objectives of the Practice: OBE is for assessing student performance in Knowledge, Skills are examples of outcomes Attitudes.

3. The Context : The HoDs are the Program Coordinators and major role players in carrying out all OBE activities.

4. The Practice : The PCs nominates CCs based Seniority, Knowledge expansion in developing fields.

5. Evidence of Success: Regular meetings with PCs,ACs,CCs,Course teachers are held to improve the OBE to ensure its success.

6. Problems encountered and Resources required: Difficulty in aligning OBE with traditional teaching methods.

Best Practice II

1.Title of the Practice: An Innovative Approach to Enhancing Employability Skills.

2.Objectives of the Practice : The goal is to give training to students in semester breaks to improve Knowledge, Employability abilities.

3. The Context : To offer students with technical knowledge,working abilities as part of their professional career.

4. The Practice : The training will be on communication, aptitude, logical ability, and cutting-edge technology.

5. Evidence of Success : The training has increased the personality development and communication through group discussion and Mock interviews.

6. Problems encountered and Resources required: There aren't enough training slots available during regular college hours.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

1. Platform for Placements

KITS Engineering College has raised the placement of its flag high. Students are sculpted beginning in their first year of study with well-designed training through different off-line and online programmes to keep the learners on track catering to the demands for employment in the training process in addition to academics.

2. Green Cover zone - Sustainable Environment

One of the most captivating aspects of the institution is its magical ambience and beauty, which truly immerses one in it. To preserve a sustainable environment, waste management is carried out in accordance with government regulations, from garbage collection to waste disposal, while keeping the abundance of soil and the living environment in mind.

3. Faculty Club- Integrity and Sustainability

KITS Engineering College formed the Faculty Club. The faculty club's mission is to look after the well-being of professors and students in need.

4. Digital Suite - Academics and Administration

Taking the lead in bridging the gap in the teaching and learning process along the lines of development and modes of learning, our institution is committed to excellence in encouraging quality teaching-learning, training, and assessment through the Digital Suite, Digital Content videos, Microsoft Office 365, and E-Cap.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- 1. NBA accreditation
- 2. Autonomous status
- 3. University recognised research center