



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1.Name of the Institution

KAMALA INSTITUTE OF TECHNOLOGY  
AND SCIENCE

- Name of the Head of the institution **Dr. K. SHANKER**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **9177670003**
- Mobile no **9000181003**
- Registered e-mail **principal@kitssingapuram.ac.in**
- Alternate e-mail **kitssingapuram@yahoo.co.in**
- Address **Singapur, Huzurabad**
- City/Town **Karimnagar**
- State/UT **Telangana**
- Pin Code **505468**

##### 2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University- Hyderabad**
- Name of the IQAC Coordinator **Dr.M.V.Satish Kumar**
- Phone No. **+919000181003**
- Alternate phone No. **9177670003**
- Mobile **9849313697**
- IQAC e-mail address **iqac@kitssingapuram.ac.in**
- Alternate Email address **principal@kitssingapuram.ac.in**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

[https://www.kitssingapuram.ac.in/assets/frontend/pdf/AQAR2020\\_21.pdf](https://www.kitssingapuram.ac.in/assets/frontend/pdf/AQAR2020_21.pdf)

**4.Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

[https://www.kitssingapuram.ac.in/assets/frontend/pdf/IAC2021\\_22.pdf](https://www.kitssingapuram.ac.in/assets/frontend/pdf/IAC2021_22.pdf)

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A++</b>	<b>3.6</b>	<b>2023</b>	<b>24/01/2023</b>	<b>23/01/2028</b>
<b>Cycle 1</b>	<b>B++</b>	<b>2.89</b>	<b>2019</b>	<b>09/08/2019</b>	<b>08/08/2024</b>

**6.Date of Establishment of IQAC**

**09/07/2014**

**7.Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**8.Whether composition of IQAC as per latest NAAC guidelines**

**Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **2**

- 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 during the current year (maximum five bullets)**

• IQAC initiated action plan for application to NAAC for reassessment. A committee was constituted for submission of application and the same has been submitted. • IQAC has suggested for focusing on Innovation, Entrepreneurship. Accordingly, IIC has conducted internal hackathon and NIP committee has organized idea presentation competitions. Similarly EDC has organized guest lectures by successful alumni entrepreneurs. • IQAC has suggested for focusing on MoUs and their effectiveness. It resulted in enhancement in the number of MoUs and also their effectiveness. • IQAC has suggested for Silver jubilee celebrations, Alumni meet and taking suggestions from alumni for quality improvement and both the suggestions were implemented. • IQAC initiated for Preparation and verification of NBA files and Mock visit. A team of experts from NIT Warangal were invited for mock visit, which gave valuable inputs to the departments for NBA files preparation and presentation. • IQAC has suggested introducing few more undergraduate courses in emerging areas to meet the present industry requirements. Governing body of the institution has resolved to introduce courses like Artificial Intelligence and Machine Learning (AIML).

**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
To expose faculty members to the Advancements, trends in research as well as industry.	Two day workshop on "5G Challenges and Applications in Near Future" 26-11-2021 to 27-11-2021
To expose faculty members to the Advancements, trends in research as well as industry.	Three day workshop "Recent Trends In Mechanical Engineering" from 27-01-2022 to 29-01-2022
To expose faculty members to the Advancements, trends in research as well as industry.	Two day workshop on Advances and Applications of DSP & DIP 25-03-2022 to 26-03-2022
To motivate the faculty members towards Multi- Disciplinary Research.	Two day workshop on "Multi-Disciplinary Research Need & challenges" from 16-06-2022 to 17-06-2022
To give awareness to faculty members on emerging areas and technologies.	5 -days FDP on "Data Science" from 7-03- 2022 to 12-03- 2022
To give awareness to faculty members on emerging areas and technologies.	5-days FDP on "Internet of Things and Artificial Intelligence Applications" from 02-08-2021 to 06-08-2021
To give awareness to faculty and students about the societal problems and motivate them to address such problems.	Three day workshop on "Grandound water issues and management with special emphasis on aquifer mapping in Karimnagar" from 21-04-2022 to 23-04-2022
To train faculty and students on real time issues.	1-day skill development program on "Electrical maintenance of solar power plant" on 16-07-2021
To train faculty and students on real time issues.	5-days FDP on "Maintenance and testing of electrical systems" from 9-05-2022 to 13-05-2022
To train the technical supporting staff and ministerial staff for their upgradation.	One Day Workshop for Non Teaching Staff on Soft skills for Professional Effectiveness on 16-03-2021

To train the technical supporting staff and ministerial staff for their upgradation.	One day workshop on Maintenance and Testing of AV systems in seminar halls on 13-08-2021
To train the technical supporting staff and ministerial staff for their upgradation.	"Orientation and Practice session on Microsoft Excel" on 05.02.2022
To train the technical supporting staff and ministerial staff for their upgradation.	One day workshop on "Calibration of CRO" on 26-02-2022
To focus on Innovation, Entrepreneurship	IIC has conducted internal hackathon and NIP committee has organized idea presentation competitions. Similarly EDC has organized guest lectures by successful alumni entrepreneurs.
To initiate action plan for application to NAAC for reassessment	A committee was constituted for submission of application for the re-assessment and the same has been submitted

**13. Whether the AQAR was placed before statutory body?** Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body meeting	11/12/2021

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCE</b>
• Name of the Head of the institution	<b>Dr. K. SHANKER</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>9177670003</b>
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• Pin Code	<b>505468</b>
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• Location	<b>Rural</b>
• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>Jawaharlal Nehru Technological University- Hyderabad</b>
• Name of the IQAC Coordinator	<b>Dr.M.V.Satish Kumar</b>

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• IQAC e-mail address	<b>iqac@kitssingapuram.ac.in</b>				
• Alternate Email address	<b>principal@kitssingapuram.ac.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.kitssingapuram.ac.in/assets/frontend/pdf/AQAR2020_21.pdf">https://www.kitssingapuram.ac.in/assets/frontend/pdf/AQAR2020_21.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.kitssingapuram.ac.in/assets/frontend/pdf/IAC2021_22.pdf">https://www.kitssingapuram.ac.in/assets/frontend/pdf/IAC2021_22.pdf</a>				
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<b>6.Date of Establishment of IQAC</b>			<b>09/07/2014</b>		
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• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
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<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	Yes	
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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Body meeting	11/12/2021
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2021-22	28/01/2023
<b>15. Multidisciplinary / interdisciplinary</b>	

KITS Singapur is an affiliated college to JNTUH, and has to follow a road map or guidelines prepared and provided by the University. Our affiliating university is already offering many multidisciplinary/ interdisciplinary courses. The university is going to modify the syllabus w.e.f 2022 by considering National Education Policy-2020.

#### **16.Academic bank of credits (ABC):**

Provisions of Academic bank of Credit proposed in the draft of NEP to facilitate multiple entries and exit points in the academic programs. This is an innovative idea to earn and deposit credit through National schemes like SWAYAM, NPTEL, V-Lab. By these students will able to earn credits and get the program completed. The institution preparedness in implementation of Academic Bank of Credits depends upon the guidelines of the affiliated university JNTUH. KITS shall abide by the curriculum and structure prepared by the JNTUH in this regard.

#### **17.Skill development:**

As mentioned earlier KITS is an affiliated institution and doesn't enjoy preparing and implementing its own curriculum. It has to follow the designed curriculum provided by the JNTUH. KITS enrolled its students in Telangana Academy for Skill & Knowledge programme (TASK). TASK is an initiative of the state government of Telangana.

TASK was established in 2014 for skilling youth and creating synergy between institutions of Government, Industry and Academia with the objective of improving quality, relevance, access and Outreach of training. It also facilitates entrepreneurial abilities and enhances industry linkage. Which are helpful after of finishing graduation equips students with the missing skills that are required in the market thus making them industry-ready. The programme helps improve their Communication, team-Work and problem-solving and decision-making abilities.

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

The institute is affiliated to JNTUH Hyderabad and it can't make any changes in the prescribed curriculum. As the university provides us to conduct induction programme for the first year students we take the chance to train students to have knowledge on Indian culture. We conduct several lectures by the eminent speakers to inculcate cultural integration among the students. Our teaching faculty also in teaching 'Human Values & Professional Ethics' as an audit course. We bring awareness among

the students about cultural integrity and build healthy relationship among the students irrespective of caste, creed, religion and gender. Our college also having association with campus radio where the students can express their views regarding to the Indian culture, languages etc. Further it is expected to get specific initiations in new curriculum which is going to be implemented from 2022-23 academic year.

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

Our affiliating university already started implementing OBE from 2016. More modifications are expected with new syllabus from the academic year 2022-23.

#### 20.Distance education/online education:

JNTUH is not providing distance education. We have conducted virtual classes and labs during COVID.

### Extended Profile

#### 1.Programme

1.1	273
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	1899
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	259
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
2.3	<b>558</b>
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	<b>114</b>
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	<b>114</b>
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	<b>41</b>
Total number of Classrooms and Seminar halls	
4.2	<b>456.03</b>
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	<b>718</b>
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and	

documented process

The institute strictly follows the curriculum given by the affiliating university, JNTUH. • The institution ensures effective curriculum delivery through a well planned mechanism and documented process.

- Every teacher prepares teaching schedules, course files and subject files which are endorsed by the Head of the Department.
- Apart from black board and chalk, the teachers are encouraged to use innovative methods like ICT tools to promote effective content delivery.
- Every teacher records the topic covered in each class.
- Academic coordinator along with principal convenes meetings periodically with the student representatives to solve the issues related to syllabus coverage. • Assignments are prepared with Course Outcomes.
- Slow learners are identified through mid exam result analysis and remedial classes are planned for them. Evaluation of teaching-learning process is done through a feedback mechanism
- Department Academic Committee (DAC) identifies the gaps in the curriculum, if any, and suggests the department to organize guest lectures. Students are encouraged to register for MOOCS to update themselves. Experiment conducted by a student in each lab is recorded in the register as well as laboratory record book. Student progression is monitored by communicating the attendance and marks to parents through [www.kits24by7.in](http://www.kits24by7.in) portal.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

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

The institute is affiliated to JNTU, Hyderabad. The university releases an academic calendar for two semesters separately. This calendar clearly mentions the date of commencement of class work, two spells of instructions, schedule for two mid examinations, practical examinations and end semester as well as supplementary examination. The institute strictly adheres to the academic

calendar set by the affiliating university and also prepares an Institute Academic Calendar incorporating institute level events. In addition, every department prepares their academic calendar incorporating depart level activities. Curricular and extracurricular activities, exam schedules and other activities are displayed in the academic calendar. Parent teacher meeting date is also mentioned in the academic calendar. Faculty conducts theory and practical classes as per the time table in alignment with the academic calendar. The institute completes every aspect of continuous internal evaluation like Setting the mid-term question paper, evaluating the scripts and submitting the marks, uploading the marks to the university are done following the time limit.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **1.2 - Academic Flexibility**

**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**

6

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)	<a href="#">View File</a>

### 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)

107

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

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

7313

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

Apart from professional progression, students need to be trained to become responsible for the society in which they live. Gender equality, Conservation of environment and sustainability, Human Values and Professional Ethics are courses that help prepare



students for a life of social responsibility. JNTUH, the affiliating University has duly introduced these courses into its curriculum and the institute is promoting their effective delivery. The curriculum is being implemented with the help of senior teachers. Student activities like NCC and NSS are also included in the curriculum as mandatory courses. In addition the institute is also encouraging students to conduct programs about Environment and Sustainability through carbon conscious club. Institute also inculcates the practice of these ideas like gender equality and professional ethics by organizing programs under different banners.

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.	<a href="#">View File</a>

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

273

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	<a href="#">View File</a>

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

1329

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
File Description	Documents
URL for stakeholder feedback report	<a href="https://www.kitssingapuram.ac.in/feedback-report">https://www.kitssingapuram.ac.in/feedback-report</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<b>No File Uploaded</b>
Any additional information	<a href="#">View File</a>
<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
URL for feedback report	<a href="https://www.kitssingapuram.ac.in/feedback-report">https://www.kitssingapuram.ac.in/feedback-report</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of students admitted during the year</b>	
<b>521</b>	

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

### 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

225

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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 institute assesses the learning levels of the students by various means and takes measures as per requirement.
- Continuous internal evaluation is implemented by the institute and students are assessed through assignments and internal examinations (both in theory and labs).
- The institute effectively implements the counseling system and every faculty member is attached to a group of 15- 20 students to assess their learning levels.
- Slow learners are identified after evaluating their performance in first mid examination.
- Remedial classes will be conducted to slow learners.
- Counselor takes special care on slow learners and interacts with them. They also monitor their attendance in regular as well as remedial class work.
- They will be given additional inputs by faculty as well as their team leaders in Mini Project and Major Projects.
- Advanced learners are encouraged to improve their performance further by attending Curricular, co-curricular, extra-curricular activities and competitions conducted within or outside the institute.
- They will be provided with additional reading and learning material to appear in competitive exams and also for

futurecareers.

- They are given the responsibility of leading the team in Mini Project and Major Projects.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1899	114

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

- Student centric methods of teaching are the most approved pedagogy followed by the institution.
- Teaching aids like models and charts are prepared by involving students.
- Students are encouraged for self learning by registering for MOOCS. Screening of NPTEL lectures is a regular practice in the institute. Digital library is also used for self learning.
- All the students of the institute have to deliver technical seminar in their final year, in addition they are encouraged to attend programs outside the institute for their self learning.
- Institute encourages students to undergo internships and visit industries to learn by experience. Even though COVID-19 pandemic affected the number of physical internships this year, students have undergone online internships.
- All the students have to do Industry oriented mini project and spend time in an industry to get learning experience about the latest trends along with Major Project.
- The institute lays more focus on laboratories, which helps

the students in participative learning as well as experiential learning.

- Institute conducts tutorial classes for different subjects where numerical problems are solved, which improves their problem solving experience.
- T&P division organizes a variety of CRT programs, which helps them in boosting their problem solving skills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

The following facilities are available at the institute for effective teaching- learning:

- All departments are equipped with ICT-enabled facilities for teaching.
- All the departments are having e-class rooms with LCD projectors and other accessories.
- Wi - Fi access in the campus, especially in e-class rooms.
- Digital Library to provide online resources and content for teachers and students to update their knowledge.
- Two-way Video Conferencing facility.
- e-learning resources like NPTEL Videos
- Digital Cameras.
- Camcorders.

Teachers use the following ICT tools and resources

- Google Classrooms
- Youtube
- NPTEL
- Wikipedia
- SWAYAM
- NDL
- JNTUH eLSDM
- ieeexplore
- Slide share
- E-resources and techniques used
- Presentation

- Lectures
- e-Learning
- Debates
- NPTEL
- Slide share
- Graphic tablet
- JNTUH eLSDM

The Following are the details of Google Classroom of various subjects from Mechanical Engineering Department

#### 1. Robotics -

<https://classroom.google.com/c/MTUxNjgzMzM4MzQ1?cjc=trh64g5> 2.

Actuators and Robot Systems

-<https://classroom.google.com/c/OTE2Njg5OTc3Njda?cjc=3tteytc> 3.

Hydraulics and Hydraulic Machinery

-<https://classroom.google.com/c/MzExMTk3MDM3NzUx?cjc=rtlabjr> 4.

Fluid Power Systems

-<https://classroom.google.com/c/NDE4OTg0NjQxNjE1?cjc=ttqecvc> 5.

ELECTRONIC SENSORS

-<https://classroom.google.com/c/NDA1NjYyODg0MzUy?cjc=kwlqrrb> 6.

Automation in Manufacturing

-<https://classroom.google.com/c/MzExNTYwMjYyNzgz?cjc=shod3jr> 7.

Instrumentation & Control Systems

-<https://classroom.google.com/c/NjQyMjE2MDYzMjFa?cjc=ogtv53e> 8.

Metrology & Machine Tools

-<https://classroom.google.com/c/MTYxODMwNDc2MjM2?cjc=6augjse>

The YouTube link used by one of the faculty for teaching

<https://youtube.com/channel/UCuswEBIEh55lXrKqOoTAzQ>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

114

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

114

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 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

26

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

1219

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

- At Kamala Institute of Technology & Science, mechanism of internal assessment is transparent and robust.
- Students are assessed at regular intervals by adopting the continuous internal evaluation system.
- Assignments are given at regular intervals and 1st & 2nd
- midterm exams are conducted after completion of 8th and 16th week respectively and students are evaluated for their performance.
- The midterm examination question papers are prepared by the concerned teachers. Once scripts are corrected, the same will be shown to the students to know their mistakes and also to maintain transparency.
- Marks will be displayed in the notice board to give access to all the students.
- Scheme of evaluation is strictly followed in both theory and lab examinations.
- Students are evaluated for all the experiments performed in a lab during the semester and grading will be given based on their performance.
- In every lab internal examination is conducted and students are evaluated, before the external examination. External examiners for lab are drafted by JNTUH to maintain standards and transparency.
- A robust and transparent system is developed to evaluate the students for their performance in Technical seminars, mini project and major project.



File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The Examination Grievance Redressal Cell(EGRC) registers grievances regarding evaluation of internal answer scripts and external examinations. The redressal cell comprises of Principal, Head of Departments, and In charge of Examination Branch. The students can approach the cell for any issues regarding the evaluation of their scripts.

The faculty distributes evaluated answer scripts to students, and clarifies the doubts related to the evaluation. The internal marks are then displayed on notice board. If a student is not satisfied with the marks awarded even after this, they may represent to EGRC through the concerned HoD. All such representations are taken positively and are re-assessed by another faculty, if necessary. The grievances are resolved within three days after receiving the grievances from the students. The final internal marks obtained by the students are displayed on the notice board after the grievances are resolved within one week. Students who were absent for internal examinations due to genuine reasons or those who are not satisfied with the marks secured can apply for computer-based test conducted by the University.

All the parents are informed about their ward's performance by SMS through the institute portal [www.kits24by7.in](http://www.kits24by7.in).

File Description	Documents
Any additional information	<a href="#">View File</a>
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 follows the Program Outcomes(POs) as specified by Accreditation Board for Engineering and Technology. The Program Specific Outcomes(PSOs) and Course Outcomes(COs) are defined by

the department. These are displayed on the institute website and communicated to the students and other stake holders. The mechanism of communicating the specified POs, PSOs and COs is stated below.

The Program Outcomes, Program Specific Outcomes are displayed/communicated through banners/display boards at different prominent places in the department and also through Laboratory manuals. In orientation program for first year, they will be communicated to students and parents.

Teachers are well aware of COs, as they are involved in the process of framing COs. They are well versed with them as they involve in setting assignments and mid-term question papers by incorporating COs for each question. They are also having awareness about POs, CO-PO matrix formulation, calculating target and achievement and also analyzing the gap.

Every teacher explains COs of the subject to the students, in the beginning of the semester. Students will be given awareness to attain POs even by project work (Ex: Engineer & Society).

Few of the POs are given awareness in departmental association activities (Ethics, Team Work, Communication).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The process of attainment of CO-PO & PSO is done by defining the COs for each course. Faculty handling the course frames COs based on the syllabus. A correlation is established between COs-POs & PSOs on the scale of 0 to 3. The matrix for COs-POs and PSOs is prepared for all courses and finally merged to form Program level CO-PO and PSO Matrix. The two assessment methods followed are Direct and Indirect assessments. Direct Assessment is made based on the average marks obtained in mid-term exams and performance in laboratories and external examinations. Indirect Assessment is from the feedback taken from exit-students, alumni, parents and

industry. Attainment level is obtained based on the average marks obtained by the student in the internal examination and external examination and placed in 0 to 3 scale.

CO-PO and PSO attainment is calculated as:  $CO \text{ attainment (Direct)} = (0.25 * \text{Internal Assessment}) + (0.75 * \text{External Assessment})$

CO attainment is calculated for all the courses in a program and merged to calculate the final PO & PSO direct attainment.

The final PO and PSO attainment is calculated as:

$PO \ \& \ PSO \ \text{attainment} = (0.8 * \text{Direct Assessment}) + (0.2 * \text{Indirect Assessment})$

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

469

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

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

<https://www.kitssingapuram.ac.in/ssss>

### RESEARCH, INNOVATIONS AND EXTENSION

<b>3.1 - Resource Mobilization for Research</b>	
<b>3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)</b>	
<b>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)</b>	
4,17,650	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>
<b>3.1.2 - Number of teachers recognized as research guides (latest completed academic year)</b>	
<b>3.1.2.1 - Number of teachers recognized as research guides</b>	
8	
File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year</b>	
<b>3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year</b>	
2	

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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 institution has created an environment which encourages the staff and students to actively engage in research and innovation.
- R&D cell motivates the staff and students towards quality and innovative research. Faculty members are encouraged to attend FDPs/ workshops/ conferences and transfer the knowledge to students.
- Every department organizes programs to transfer the knowledge beyond the curriculum. IETE, ISTE, IE(I), CSI, SESI & IAPT chapters conducts programs to faculty and students for the transfer of knowledge.
- The institution has an Institution Innovation Council (IIC), to ignite the innovative thoughts among the students. This resulted participation and prize winning by students in hackathons and other competitions at different levels. Few of the faculty members in the institute have cleared AICTE-IIC trained ambassador certifications. They train the students in design thinking and start-ups.
- A separate Entrepreneurship Development Cell (EDC) is established to nurture the students to take Entrepreneurship as their career. EDC organizes guest lectures by successful alumni entrepreneurs and transfer the ideas for innovative start-ups.
- The library is well equipped with National/International Journals and DELNET to enable the students and staff to know the research trends. Staff and students are encouraged to

upgrade themselves by registering for MOOCS.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

26

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)	<a href="#">View File</a>

### 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

8

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)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

15

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 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

11

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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

- In line with the mission, the following programs were organized by NSS and NCC for the holistic development of the students.
- NSS unit has organized a Plastic awareness rally in one of the adapted villages, Somaram and also conducted Kisan Diwas in the neighbouring villages.
- Road Safety Awareness Bike Rally was also organized by NSS unit at Singapuram Village.
- Pledge was taken by villagers on World No Tobacco Day.
- NCC Unit of the institute took part in GANGA UTSAV - A River festival
- Help the Helpless team from the institute regularly visits orphanages and old age homes.
- National Yoga day is conducted, to spread the awareness about yoga and its benefits.
- NCC camps are organized to students of our campus as well as other colleges.

- The NCC unit has organized FIT INDIA Freedom Run and celebrated National Unity day.
- Physics department in collaboration with Indian Association of Physics Teachers (IAPT) conducted extension activities.
- Involvement in these extension activities sensitized the students towards social issues and responsibilities. Students were able to develop all round personality. They have realized the importance of discipline, time management, self-confidence and environment consciousness.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
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

28



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

### 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

3521

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

### 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

37

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

#### 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

35

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	<a href="#">View File</a>

## 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 institute is spread over 26.25 acres and provides state of the art infrastructure and facilities for teaching- learning process with a built up area of 27,225 square meters.

Institute has 31 classrooms in addition to ICT class rooms, 48 laboratories and a computer centre, 9 tutorial classrooms and 2 drawing halls. Engineering Workshop has an area of 620 square meters. Every department has a project lab. Models and charts are available in all the departments. Institute has a total of 718 computers. Every department has LCD projectors and computer equipments like desktops, printers and Wi-Fi facility. Institute has well equipped laboratories and in few of the labs, the equipment is beyond the curriculum. Central library is stocked with 48152 Text books, 73 journals, 12 technical magazines and newsletters, Springer nature e-journals. It has taken DELNET membership, under which 235 e journals are available to the staff and students. Each department has a separate department library.

Institute has facilities like seminar halls, auditorium, Hostels, Principal residence and staff quarters.

Other facilities includes, RO mineral water plant, Roof top based solar power plants (2\*100

kwp capacity) ATM facility, canteen, ambulance service, Fire safety system, Solar water heating system and generators.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.kitssingapuram.ac.in/facilitie_s">https://www.kitssingapuram.ac.in/facilitie s</a>

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

At our institute, equal importance is given to cultural activities, fitness, yoga, games and sports on par with regular academics. Institute has a separate building for Indoor games and gymnasium in the year 2004 with the funds from central govt with a built up area of 1148sq.mtrs. It has two wooden flooring badminton courts and facilities for playing caroms, table tennis and chess. Separate gymnasiums are established for boys (16 station) and girls (8 station). Outdoor games facilities includes Basket ball court, Volleyball court, Khabaddi court, Throw ball court, Cricket pitch for net practicing. High jump landing mattresses, short put, discuss through, jawalein through facilities are available. They are encouraged to practice Yoga every day. Most of the students are using these facilities, they also excelled in sports and won many prizes. The institute has state of the art Auditorium with 450 seating capacity, which is used by the students for organizing different cultural & social activities. Three seminar halls are located in three academic blocks, which are used to conduct students' association activities of different departments. Seminar halls and auditorium are also used to conduct students fest, technical fest, Student Activity Center (SAC) related programs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kitssingapuram.ac.in/naacupload/criteria4/467_4.1.2_additional.pdf">https://kitssingapuram.ac.in/naacupload/criteria4/467_4.1.2_additional.pdf</a>

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

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

209.16

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

#### 4.2 - Library as a Learning Resource

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

The central library with 730 Sq.mt area with capacity of 150 is with good infrastructure and ambience. There is regular subscription to newspapers, magazines and journals, there by augmenting the library as a rich source of knowledge. In addition to central library, each department is well equipped with department library.

For functioning of library easy and effective, the institute has automated the operations using LIBSYS Software. Library is having bar code reader facility for easy identification of books.

LIBSYS software LSEase (Version Rel.5.7.2): It has six main modules, i.e.,

1. Technical processing (cataloguing)
2. Circulation
3. Acquisitions serial management
4. OPAC besides administration
5. Queries
6. Utilities

Features of LIBSYS software: Scalable, manageable and efficient. Compatible to run on any version of windows OS.

LIBSYS software LSEase (Version Rel..5.7.2) consists of various modules on acquisition, cataloging, circulation, serials control, and Online Public Access to Cataloguing (OPAC) which automates library functionalities. The Library will be utilized by the faculty , staff and students to access facilities like DELNET, NDL , SWAYAM , NPTEL, OPAC (online Public Access to Cataloguing for book search) service, previous question papers, book bank service for SC-ST, Reference service, Journals Current Awareness services / Daily News Papers etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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/e-journals during the year (INR in Lakhs)**

**4.74**

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

**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**

20

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Recognizing the importance of technology in education, the institute has developed latest state of the art IT infrastructure. Institute has purchased 36 latest configuration systems in this assessment year and replaced them by scrapping 34 old systems, with which the total number of computers has increased to 718. Institute has purchased 68 more LED monitors in this year and old CRT monitors were replaced by them. For effective online teaching the institute has also purchased Graphic tablets and web cameras. Number of printers and scanners available in the institute are 40 and 13 respectively. LAN networking is available in few of the computer labs. CC cameras are fixed at prominent places in all the academic blocks. For effective monitoring of online exams CC cameras were also fitted in two of the labs in Computer Science department. Internet bandwidth is enhanced by procuring 40 MBPS in addition to the existing 300MBPS in this assessment year. Mentor Graphics software was purchased with 50 users' capacity in ECE department. Printers, projectors and all other equipment are maintained at regular intervals for smooth functioning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

718

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**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)**

272.74

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

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 of physical facilities of the institute like departmental classrooms, laboratories, seminar hall, department library, computers, projectors are done at the level of concerned heads. Class rooms and laboratories are utilized as per the timetable. SOPs for handling various chemicals, equipment and instruments are strictly followed. Stock registers are maintained and updated regularly in all the labs. Old and outdated equipment are discarded by standard procedure. The maintenance of computer laboratories and software updates and issues related to internet/Wi-Fi are taken care by system administrator. All sports equipment will be under the control of Physical Director. All technical maintenance staff is under the control of Project Engineer. Routine and preventive maintenance is executed with the support of both internal staff and external agencies. Project office maintains a complaint register and whenever a complaint is recorded, it will be addressed immediately by the concerned technical staff. All the solar panels are cleaned with water twice a week. In central library books are utilized by both staff and students and they are issued for a period of 15 days. Periodically, condition of all the books is monitored and old books are maintained by binding the books.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## 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

626



File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

354

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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 skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="http://www.kitssingapuram.ac.in">www.kitssingapuram.ac.in</a>
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

1899

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

1899

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student 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**

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
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**

265

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**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**

24

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	<a href="#">View File</a>

**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**

35

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)	<a href="#">View File</a>

**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.

247

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 university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

- The institute has constituted various academic and administrative committees where the students play major role.
- The institute has framed well defined norms to facilitate student's representation. Including IQAC, Internal Complaints Committee (ICC).
- Students are involved in Anti-Ragging committee, Class review committee. Every semester, toppers in the previous semester will be nominated as class representatives.
- In addition students play vital role in organizing committees of various bodies like CSI, IETE, IEI, SESI etc and also in Students Activity Centre(SAC). They take the role of President/Secretary/Joint Secretary of departmental associations, through which they organize a number of programs for the benefit of students.
- Every alternate year, the institute celebrates a national level Technical, Sports and Cultural fest called KITSOZEN, in which students play vital roles as coordinators of different events.
- Institute encourages students to actively participate in service activities of NSS, where student coordinators take

the lead role in organizing the programs. The institute has a NCC wing for both boys and girls. They not only take part in camps and paraded but also extend their support to local police and other bodies.

- Students take the responsibility of organizing sports meets and various programs under different clubs.

File Description	Documents
Paste link for additional information	<a href="https://www.kitssingapuram.ac.in/facilitie">https://www.kitssingapuram.ac.in/facilitie</a> <a href="#">s</a>
Upload any additional information	<a href="#">View File</a>

### 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

46

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)	<a href="#">View File</a>

### 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

Institute has a registered Alumni Association with registration number 162/2009 that contributes significantly to the development of the institution. 1507 members registered in the association till date (it's a floating data). Governing body is constituted for the association. The association is active in organizing seminars, guest lecturers, motivational lectures by alumni entrepreneurs and career guidance to the students by way of transfer of technology/

knowledge. Association organizes institute level as well as department level alumni meets at regular intervals. Alumni association plays an important role in motivating the alumni for financial support to the institution. Alumni refer their juniors at their workplace when ever vacancies arise. One of the alumni is contributing as a member of IQAC. During this academic year CE department organized an interaction to give awareness about PGECET exam preparation. EEE department organized three alumni interactions to guide students for GATE preparation and also on improving soft skills. ME department has conducted six activities on Career opportunities in core and IT fields. ECE department has conducted two guest lectures on Fundamentals of signal processing and also on basics of AI.CSE department arranged alumni interaction to guide students in interview preparation.

File Description	Documents
Paste link for additional information	<a href="https://www.kitssingapuram.ac.in/alumni.php">https://www.kitssingapuram.ac.in/alumni.php</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Institute has a well defined organizational structure which encourages decentralization and fosters leadership qualities by delegating authority and decision making power to various levels of employees. In tune with the mission of the institute, i.e. to disseminate technical knowledge of highest order, many committees are formulated at department level as well as institute level. Institute has different sections/wings like T&P, NCC,NSS etc, each headed by a senior faculty member supported by department coordinators. They strive for the realization of the points in vision and mission of the institute like character building,

societal responsibility, globally competitive students etc. IQAC and Institute Academic Committee (IAC) regularly monitor the quality of teaching learning process to achieve the institute's vision of providing quality technical education to its students. To achieve its vision and mission institute has many student driven clubs which give myriad opportunities for interpersonal skill development. These clubs and associations regularly organize intra and inter college technical, sports and cultural events, conduct quiz and other competitions. These events help students to develop right attitude and encourages them to grow into balanced and all rounded individuals capable of taking leadership positions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

KITS(S) has established many institutional practices encouraging decentralization and participative management. Committees are formulated to decentralize the academic and administrative activities to empower the staff and encourage participative management. There are certain standing committees and in addition certain ad-hoc committees are formed, as and when required.

#### Case study

Various committees have been formulated at the institute level as well as at the department level for the NAAC reassessment work to get better grade. Senior faculty members have been assigned the responsibility of coordinating the various activities and criteria, with Principal as the chair person. Every faculty member is the stakeholder in the success and they have been involved in various criterions and other responsibilities. Thus with the involvement and participation of faculty members, NAAC peer team visit has been completed smoothly without any hitches and the institute accredited with A++ grade. Participative management is successfully practiced in the institute by involving all the stakeholders by regularly conducting parent-teacher meetings and

alumni interactions. Faculty and employees are involved in the management either as a subject teacher or/and laboratory instructor or/and student counselor. It can be stated with affirmation that participative management is successfully practiced resulting in a win-win solution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has developed a strategic plan for five years i.e 2020-25 with a focus on various aspects like NBA accreditation for at least three departments, ISO certification, awareness on OBE, quality publications, multi disciplinary research etc. The institution has made its efforts to effectively deploy the strategic plan. Institute has applied for NBA accreditation for three branches and successfully got accredited. Faculty members were encouraged to publish papers in standard journals. Faculty was given awareness about the need for multidisciplinary research. Final year students were encouraged to take up their projects, which involves multi disciplinary knowledge. Institution has got ISO certification in the year 2021 itself and planning to get it renewed in 2022-23 again. In addition to ISO certification and NBA accreditation, the institute has also applied for reassessment for better grade of NAAC. Institution has signed an MoU with Kakatiya Institute of Technology & Science, Warangal a premier institute under Kakatiya University, for quality enhancement in various aspects.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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.

- The organizational structure of the institute includes Chairman, Secretary and Principal as the Ex-officio members of the Governing Body.
- Principal ensures that the decisions taken by the Governing Body percolate to all the levels for effective implementation.
- Heads of the departments are responsible for all the academic activities of their departments. They guide and monitor the faculty and students for the smooth functioning of the department.
- In charge of examinations assisted by department coordinators, takes care of the conduction of internal and external examinations fairly.
- In charge of academics takes care of the academic activities and maintains all the records related to academics.
- Training and Placements Officer acts as a link between HR recruiters and the institute and is responsible for organizing various technical and soft skills training sessions.
- The Institute focuses on the effective implementation of policies via institutional level bodies like BoG, IQAC, IAC, T&P cell and through committees like IIIC, EDC and CGC etc.
- Institute's strategic plan of securing ISO certification, accreditation for three departments by NBA, improvement in the number of faculty with doctoral degrees, etc itself is a proof that functioning of institutional bodies is effective and\ efficient.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The Various welfare schemes are provided for the benefit of teaching and non- teaching staff of the Institute.

- Fee concession is given for the children of teaching and supporting staff studying at KITS.
- Fee concession is given economically weaker students.
- Institute provides maternity leaves for women employees.
- Institute provides Group insurance, Gratuity and EPF.
- Institute provides Group insurance for students.
- Teaching and non-teaching staff opting to stay at staff quarters are given accommodation for nominal rent and amenities like electricity at highly subsidized rates.
- Free uniform for class IV employees and Engineering workshop supporting staff.
- Special academic leave for pursuing Ph.D is granted.
- Sponsoring for higher education through Quality Improvement Program (QIP).
- Encourages the faculty members to publish research papers in conferences, journals and offers incentives for such publications.
- Institute provides paid leaves to attend workshops/ conferences/seminars/FDPs.
- Institute supports in conducting training programs.
- It encourages teaching and non-teaching staff to participate actively in workshops, conferences and Faculty Development Programs (FDPs) for their professional and personal enhancement.
- Institute provides paid leaves to attend workshops/conferences/seminars/FDPs. Promotions and increments are given to the teaching and nonteaching staff

based on seniority as well as on the basis of performance appraisal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

51

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 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

17

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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 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

89

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	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

1. Performance appraisal system for teaching staff: The institute has the practice of evaluating the performance of the faculty members based on self appraisal, confidential report of the heads of individual departments and student's feedback too is taken into

consideration. Every year all the faculty members are given a self assessment questionnaire, which consists of the details such as Improvement of academic qualifications, Details of research papers published/presented, Professional development activities undertaken etc. Once the staff submits Performance appraisal form, Head of the department fills the confidential part considering various factors and submit the same to the principal. Principal scrutinizes and evaluates the performance of each faculty member based on their self appraisal, confidential report of the HoD and students feedback. Lastly, each and every faculty member's appraisal form will be submitted to secretary and correspondent for his perusal. 2. Performance appraisal system for the non-teaching staff: The non-teaching staff performance is evaluated on the basis of criteria such as performance in the laboratories, ability to discharge various responsibilities etc. On the basis of these parameters, the head of the department/section in-charge submits a report on each employee to the principal to evaluate their performance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

Heads of the departments submit budget proposal to Principal for every financial year based on the budget requirements of laboratory in charges (recurring and non-recurring expenditure) for the entire academic year. Accounts officer prepares a detailed budget at the institute level. The proposals are made on different heads such as laboratory equipment, library expenses, salary payments, building and infrastructure, sports facilities and other maintenance expenses. Institute level requirements are discussed in the Heads meeting and the total recurring and non-recurring budget requirements are finalized. Then the comprehensive budget proposal is placed for the approval of the finance committee. Finance committee approves the budget with modifications if any and places for the approval of Governing Body. The Governing Body of the institute consisting of university nominee, management representatives, industry and academic members discuss upcoming

financial year's recurring and non-recurring budget details and ratify the budget approvals given by finance committee. Institute internal auditor audits and verifies the accounts regularly. The institute has a chartered accountant from SCV & Associates (Reg. No. 003666S) an external auditing agency. He audits the accounts every year and these financial documents are used for all statutory purposes.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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)

0.17

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

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

The major source of income for the institute is the funds through tuition fee paid by the students. As and when there is a requirement of additional funds, society provides the amount. It also generates income by offering the facilities for the various competitive examinations like TCS on-line and off-line exams, TSPSC on-line exams, staff selection committee and PSU banks. Funds are also generated by offering consultations. Optimal utilization of funds is ensured through following: Funds allocated and their utilization for FDPs, orientation programs, workshops, etc. is monitored by HoD. Funds allocated and their utilization for enhancement of the library facilities is monitored by Librarian under the guidance of Principal. Funds allocated and their

utilization for development and maintenance of the infrastructure is monitored by Project Engineer under the guidance of Principal. . Funds allocated and their utilization to procure suitable equipment for innovative student projects is monitored by concerned HoD.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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 has contributed significantly for institutionalizing the quality assurance through the following two strategies

1. **Updation of knowledge by Faculty:** Faculty members are encouraged to update themselves by way of organizing/ attending FDPs, Workshops, Conferences and Webinars. Faculty are involved in research by registering for Ph.D and publishing quality papers. They also register for courses through MOOCs and update themselves. As a result of this strategy 33 faculty members are pursuing their Ph.D and among them 2 got awarded Ph.D. in the last year. This strategy yielded good results and 127 faculty members have received certificates so far in various MOOCs courses and many more have registered this academic year.
2. **Enhanced Industry-Institute interaction:** Another important strategy institutionalized by IQAC is giving awareness to students about the latest trends in industry which assures quality in their learning process. To enforce this strategy the institute has 47 active MoUs with different organizations and 442 students got industrial exposure as a part of their industry oriented mini projects and internships (online as well as offline). In addition every year few students will do the major projects in the companies, with which the institute has signed MoU.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Institution reviews its teaching learning process at regular intervals through IQAC. The following two examples illustrate the process. 1. Feedback on teaching learning process. Institute takes feedback from students on teaching learning process at the end of every semester. Feedback given by students will be converted on to a 10 point scale. Faculty members with less than 6 score will be identified and counseled by the concerned HoD to improve their performance. In case the performance is not improved, a letter will be issued for his/her improvement. It is observed that the feedback of faculty members has improved as a result of this process. Institute has also implemented reforms in this process of feedback collection. 2. CRs meeting with Principal and Officer I/C Academic affairs: The institute conducts meeting with the class representatives every semester and takes their feedback on teaching and other academic issues. Officer in charge of academic affairs will convene the meeting in the presence of the principal. Actions will be initiated by the HoD based on the feedback and the same will be communicated to the academic section. It is observed that as a result of actions taken, the problems raised by CRs were reduced.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. All of the above



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	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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 teaches Gender Sensitization in the curriculum. In addition the institution also promotes gender sensitization through co-curricular activities like guest lectures, poster presentation, counseling etc. Awareness programs like importance of human rights, Cyber security, related to the safety and security of women employees and students are conducted periodically. Every year SHE teams will visit the campus and give awareness about gender sensitization and also related acts. The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance redressal cell, Anti-Ragging committee, Sexual harassment and women protection cell. The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance in the campus and security arrangement. Students wear ID cards at all times and outsiders are checked by security staff before allowing visitors. Personal counseling is provided to the students particularly to girls by senior lady faculty at different levels. There are waiting rooms for girls. Washrooms are provided with sanitary napkin vending and disposal machine for the safe and hygienic disposal of sanitary napkins.

File Description	Documents
Annual gender sensitization action plan	<a href="https://kitssingapuram.ac.in/naacupload/criteria7/82_7.1.lagendaupload(1)2021-22(1).pdf">https://kitssingapuram.ac.in/naacupload/criteria7/82_7.1.lagendaupload(1)2021-22(1).pdf</a>
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	<a href="https://kitssingapuram.ac.in/naacupload/criteria7/83_Additional.pdf">https://kitssingapuram.ac.in/naacupload/criteria7/83_Additional.pdf</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

All the buildings in the institutes are provided with several dustbins from where housekeeping staffs take the wastes and dumps at the dump yard. Institution recommends the concept of 3Rs namely reduce, recycle and reuse. After following 3Rs method, if any paper wastes from academic blocks, library, examination branch, administrative offices, hostels, guest house are disposed through vendors for recycling. Institute promotes digital platform to reduce the usage of paper for communication and sharing documents. Bio-degradable wastes are separated effectively and converted into fertilizer by composting methods inside the campus and are used for the plants and to maintain flower garden. Institute discourages uses of plastic; particularly single use plastics in campus. Institution has well developed drainage system to take care of liquid waste. It properly disposed the liquid waste into the main drains. At places where ever possible, waste water from hand wash etc, are diverted for lawns/greenery. Waste

from health centre is properly disposed. The e-waste is properly stacked in designated place and later disposed through vendors for proper waste management. Awareness programs on e-waste are conducted to reduce e-waste in the campus. No Hazardous chemicals and radioactive waste is used in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following**  
**1.Green audit 2. Energy audit**  
**3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**  
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

Institute organizes programmes to ensure harmony among students and makes them part of the inclusive environment towards cultural, regional and socio-economic diversities. Ganesh Chaturthi is celebrated in grand manner by the students and faculty in campus. National and Regional festivals like Sankranthi, Bathukamma, Ramzan and Christmas are celebrated in the college by involving all the students. Institute organizes Rangoli competition and kite festival in the campus, for staff and students during Sankranthi(Pongal) festival. Blood donation camp is organized annually at our institute where students, teaching and non staff voluntarily donates. NSS Unit of the institute adopted 4 neighboring villages under Unnat Bharat Abhiyaan scheme to conduct activities for their socio-economic development. NCC cadets and NSS volunteers of the institute took part in activities like helping local police during Sammakka-Sarakka Jathara, creating awareness about COVID pandemic among local people. Students Activity Centre (SAC), Departments and institute organizes programs/Fests at regular intervals to motivate students towards cultural diversity. Human Values and Professional ethics are included in the curriculum and faculty injects these two during the classroom teaching. In addition alumni will be invited to interact with the students and motivates them towards practicing the Professional ethics.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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

The institute is always in forefront in inculcating the values among the students. It sensitizes employees and students about their rights, duties and responsibilities by various means. Constitution of India, Human Values and Professional Ethics are part of the curriculum. Apart from classroom teaching, the institute organizes programs under NSS, NCC and Students Activity Centre (SAC). Road safety week, Voters' day and Women's day, International Human Rights Day, Teachers' day, Engineers' day, NCC day, NSS day are celebrated every year in the institute. Employees and students of the institute actively participate in blood donation camps and Haritha Haram at regular intervals. NCC cadets of the institute play responsible role by supporting local police in different events. NSS volunteers take active participation in conducting awareness programs in neighboring villages. During COVID pandemic they played vital role in creating awareness among the local people, especially among rural uneducated people. The institute encourages No-Plastic zone and awareness programs are conducted by Carbon Conscious Club. Students consistently participate in the cleaning activities in and outside the campus under swach Bharath. Students Activity Centre (SAC) organizes programs on the occasion of Independence day, Republic day and Gandhi Jayanthi.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://kitssingapuram.ac.in/naacupload/criteria7/84_7.1.9doc.pdf">https://kitssingapuram.ac.in/naacupload/criteria7/84_7.1.9doc.pdf</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers,**

**A. All of the above**

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.

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute gives priority for holistic development of the students and organizes programs in this direction. Institute celebrates both national and state festivals in a traditional way to give insight to the students about the rich culture of the country as well as state. Students Activity Centre (SAC) organizes programs on the occasion of Independence day, Republic day and Gandhi Jayanthi to recall the sacrifices made by the freedom fighters. NCC wing of the institute organizes programs on commemorative days like Martyrs' day, Kargil Divas. In addition the institute also pays tributes every year to the former Prime minister of India and father of economic reforms Late. Sri.P.V Narasimha Rao. It is also practice of the institute to pay tributes to the Founder Chairman of the institute Late. Sri.V.Rajeshwar Rao, Ex-M.P, Rajyasabha. It is a regular practice of the institute to celebrate Teachers' day, Engineers' day and motivate the faculty members for their contribution in this noble profession. Faculty members are felicitated for their contributions and achievements on every teachers' day. International Yoga Day, International Womens' day are celebrated and programs will be organized on these occasions.

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	<a href="#">View File</a>
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.

### Best Practice - I

#### Title of the Practice:

Contribution to the rural community through Societal based projects and service motto activities.

#### Objectives of the Practice:

"Educate students to grasp societal and rural issues, offering solutions."

#### The Context

Inspire students to engage in projects addressing societal issues and participate in service-oriented activities.

#### The Practice

The institute consistently promotes students to address societal issues through projects and actively encourages their involvement in serving society through NSS and student associations.

#### Evidence of Success



Students' societal projects received appreciation from local community and users, few published in journals and others won project competitions.

**Problems Encountered:**

Despite challenges in raising awareness and time constraints, the institute successfully executed impactful societal projects.

**Best Practice - II**

**Title of the Practice**

Converting rural talent in to globally employable professionals through effective pedagogical initiatives and training programs

**Objectives of the Practice:**

Motivate first-gen engineers towards real-world training, ethics and skill upgradation.

**The Context**

Institute empowers rural students with global employability through guidance, motivation, quality education, counseling, and training.

**The Practice**

The institute employs robust counseling, effective pedagogy, ICT classrooms, continuous assessments, alumni involvement, collaborations and diverse training for holistic student development and employability.

**Evidence of Success**

The institute's successful practices result in global excellence for graduates, securing employment and empowering alumni in diverse fields.

**Problems Encountered:**

Challenges include student assessment, adaptable pedagogy, balancing academics, empowering slow learners, and alumni coordination.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.kitssingapuram.ac.in/bestpractices">https://www.kitssingapuram.ac.in/bestpractices</a>
Any other relevant information	<a href="https://kitssingapuram.ac.in/naacupload/criteria7/85_7.2.1_2021_22_compressed.pdf">https://kitssingapuram.ac.in/naacupload/criteria7/85_7.2.1_2021_22_compressed.pdf</a>

**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

Making technical education accessible to the rural community is the distinctive vision of the institute with priority to make the rural youth technically competitive, ethically strong and globally employable. The institute is located at Singapuram village which is on the highway, exactly midway between two district headquarters of the state. The campus is 27 acres with lush greenery and eco-friendly which emphasizes on sustainability (solar energy). Institute implements the innovative practices to bring out full-fledged technical graduates, so that they can

survive in the competitive world after the course. With the welldeveloped infrastructure and peaceful environment, the institute has emerged as a better choice for aspiring minds. IQAC monitors and ensures quality in academic and administrative aspects of the institute. Institute always tries to be distinctive by adopting and implementing various practices like

- Encouraging and motivating the students towards innovative societal based projects.
- Encouraging enthusiastic students through Entrepreneurship Development Cell.
- Enhanced facilities in the library by digitalizing
- Promoting gender equity and making the campus harmonious through women protection and grievance cells.
- Use of student developed software for automating attendance and marks management.
- Strong Industry-institute interaction.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

#### 7.3.2 - Plan of action for the next academic year

- Efforts for improving institutional NAAC grade.
- NBA for at least 3 departments
- Initiation of work related to autonomous status to the institute.
- Silver Jubilee celebrations of the institute.
- Alumni meet at institute level and also at departments.
- Up gradation of infrastructure/Equipment/software.