

# KNOWLEDGE INSTITUTE OF TECHNOLOGY

## Annual Quality Assurance Report (AQAR)

AY 2020-21

**Submitted to**



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

**September 2022**



## **YEARLY STATUS REPORT - 2020-2021**

### **Part A**

#### **Data of the Institution**

<b>1.Name of the Institution</b>		KNOWLEDGE INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr.PSS.SRINIVASAN	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	0427-2433900	
• Mobile no	9790051515	
• Registered e-mail	principal@kiot.ac.in	
• Alternate e-mail	vp@kiot.ac.in	
• Address	Kakapalayam	
• City/Town	Salem	
• State/UT	Tamil Nadu	
• Pin Code	637504	
<b>2.Institutional status</b>		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Urban	
• Financial Status	Self-financing	

• Name of the Affiliating University		Anna University, Chennai			
• Name of the IQAC Coordinator		Dr.M.Thangavel			
• Phone No.		0427-2433918			
• Alternate phone No.		0427-2433824			
• Mobile		9790071717			
• IQAC e-mail address		iqac@kiot.ac.in			
• Alternate Email address		training@kiot.ac.in			
3.Website address (Web link of the AQAR (Previous Academic Year)		<a href="https://kiot.ac.in/iqac/annual-quality-assurance-report-aqar-2/">https://kiot.ac.in/iqac/annual-quality-assurance-report-aqar-2/</a>			
4.Whether Academic Calendar prepared during the year?		Yes			
• if yes, whether it is uploaded in the Institutional website Web link:		<a href="https://www.kiot.ac.in/academic-calendar/">https://www.kiot.ac.in/academic-calendar/</a>			
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.08	2021	13/09/2021	12/09/2026
6.Date of Establishment of IQAC			09/09/2015		
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	
Dr.Muniraj Chinnusamy	Major Projects	AICTE	2020	1287451	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
9.No. of IQAC meetings held during the year			02		

<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	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<ul style="list-style-type: none"> <li>Participated in NIRF ranking 2021.</li> <li>Applied for one undergraduate program B.Tech. (AI&amp;DS)</li> <li>Conducted Academic and Administrative Audits</li> <li>Applied for ARIIA ranking given by Ministry of Education, Government of India</li> <li>Conducted webinars on "Everyone can do Quality Research" using eminent professors from premier institutions such as IIT, NIT and Anna University and 3936 faculty across India got benefitted.</li> <li>Conducted webinar on "Mentoring" for Faculty</li> <li>AICTE - ISTE webinar on "Online teaching and Learning Pedagogy"</li> </ul>		
<b>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</b>		
Plan of Action	Achievements/Outcomes	
To get 'A' Grade in NAAC reassessment	Got 'A' Grade in NAAC reassessment	
To apply new Programs in emerging areas	Approval for new Program B. Tech. (AI & DS)	
To get funding from AICTE to modernise the laboratories	MODROB fund received from AICTE for a sum of Rs.12.87 lakh.	
<b>13. Whether the AQAR was placed before statutory body?</b>	Yes	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>		

Name	Date of meeting(s)
Governing Council	24/12/2021

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

Year	Date of Submission
2021	28/02/2022

**15. Multidisciplinary / interdisciplinary**

To improve Teaching and Learning among different disciplines the University has introduced Open electives from AY 2017-18 in Regulation R2017

List of Open Electives offered in the AY 2020-21

S. No.	Sem	Program	Subject Code	Subject Name	No. of Credits
1	5	B.E. CIVIL	OAI551	Environment and Agriculture	3
2	7	B.E. CIVIL	OME754	Industrial Safety	3
3	5	B.E. CSE	OCE552	Geographic Information System	3
4	7	B.E. CSE	OCH75	Energy Technology	3
5	5	B.E. EEE	OIT552	Cloud Computing	3
6	7	B.E. EEE	OCS752	Introduction to C Programming	3
7	5	B.E. ECE	OIT551	Database Management Systems	3
8	5	B.E. ECE	OIT552	Cloud Computing	3
9	7	B.E. ECE	OCS752	Introduction to C Programming	3
10	7	B.E. ECE	OIC751	Transducers Engineering	3
11	5	B.E. MECH	OIM552	Lean Manufacturing	3

12	7	B.E. MECH	OML753	Selection of Materials	3	
Total						

KIOT has initiated many activities to promote interdisciplinary education culture in the campus. Students are encouraged to do Interdisciplinary projects.

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

Knowledge Institute of Technology is affiliated to Anna University, Chennai and non - autonomous. Academic Bank of credits will be implemented in future depending upon the guidelines of the University, AICTE and UGC.

#### 17.Skill development:

The institution has a separate cell, Centre for Career Development and Training (CDT) to train the students on various skills to meet the industry expectations. The students are trained on the following areas:

##### Areas of Training

- Communication Training
- Problem Solving Skills
- Interpersonal Skills
- Interview Skills
- Life Skills
- Programming Skills
- Entrepreneurial Skills
- Values & Ethics

Each student undergoes more than 1200 hours of skill development programs in their four years of study.

In addition, the college has established Centres of Excellence and Industry supported laboratories in addition to the academic laboratories on various emerging technologies in association with leading core and IT industries such as Harita, AMI, Virtusa, Aspire. Through these Centres of Excellence, the faculty of the institution are trained on current industry practices. The trained faculty in turn conduct workshops for the students to train them on latest technologies.

#### 18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture,

using online course)

In Regulation R2021 of Anna University the following two subjects have been introduced from AY 2022-23 regarding scientific knowledge and heritage in Tamil culture.

1. Scientific Thoughts in Tamil in semester 1 (1 Credit)
2. Heritage of Tamils in semester 2 (1 Credit)

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

In KIOT four B.E. programmes namely Mechanical, ECE, EEE, CSE have been accredited by NBA since 2019. The institute practices Outcome Based Education based on blooms taxonomy to improve the Teaching - Learning process.

As part of the Outcome based education (OBE) the following processes are followed

- Defining Vision and Mission of the programs
- The Program Outcome defined by NBA are mapped for different courses and Course Outcomes are defined
- To achieve the Vision and Mission, Program Educational Objective (PEO) and Program Specific Outcome (PSO) are framed with the suggestions from Internal and External stakeholders.
- Based on Program Educational Objective (PEO), Program Specific Outcome (PSO) and Course Outcome (CO) the Teaching Learning methods are framed for effective Teaching Learning process
- Assessments are conducted based on blooms Taxonomy levels (Remember, Understand, Apply, Analyse, Evaluate and Create)
- Internal Assessment Test, End semester examination, Quiz, Assignments, Project work and Course End Survey are used as Assessment tools for measuring COs
- These COs are mapped to graduate attributes / Program Outcomes (PO). This evaluation helps attainment of POs
- Program Assessment Committee (PAC) and Quality Improvement Cell (QIC) monitors the attainment level and recommends various actions to be taken to improve the attainment levels

These committees will review the attainment of different outcomes and revise the targets for the ensuing year accordingly

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

The Institution is affiliated to Anna University, Chennai and the Regulation, Curriculum and syllabi are framed by the University. Currently Regulation 2017 and Regulation 2021 are followed by the institution.

As per Regulation 2017 a student can do one online course approved by the University and earn 3 credits.

As per Regulation 2021 a student can do two online courses approved by the University and earn maximum of 6 credits in place of Open/Professional Electives.

In AY2020-21, 79 students of the Institution attended NPTEL courses and 50 students have passed the NPTEL examination and got certification.

### Extended Profile

#### 1.Programme

1.1 248

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 2043

Number of students during the year

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

2.2 592

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>

2.3 694

Number of outgoing/ final year students during the year



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

**3.Academic**

3.1	154
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Number of full time teachers during the year	
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File Description	Documents
Data Template	<a href="#">View File</a>

3.2	154
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Number of sanctioned posts during the year	
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File Description	Documents
Data Template	<a href="#">View File</a>

**4.Institution**

4.1	51
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Total number of Classrooms and Seminar halls	
--	--

4.2	279.76
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Total expenditure excluding salary during the year (INR in lakhs)	
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4.3	898
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Total number of computers on campus for academic purposes	
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**Part B****CURRICULAR ASPECTS****1.1 - Curricular Planning and Implementation**

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

Being an affiliated Institution, the curriculum and syllabi for all the UG and PG Programs are framed by Anna University (AU), Chennai. The semester-wise key activities are as mentioned below:

S.No

**Key-Activity****Planned-Week-of-Delivery**

1

Prepare, release of Academic-Calendar at Institution & Department level

**Week-0**

2

Allocation of courses to faculty members, preparation of timetables, lesson plan, pedagogical initiatives, writing COs and mapping with POs

**Week-0**

3

Commencement of Theory-Laboratory classes, conduct Class Committee Meeting 1

**Weeks-1&2**

4

Conduct PET, categorize students based on performance and begin placement activities

**Weeks-3&4**

5

Plan for club activities and IAT-1

**Weeks-5&6**

6

Conduct IAT-1, remedial classes for slow learners and plan for Academic Audit

**Weeks-7-9**

7

Conduct CCM 2, PETs, Academic Audit and plan for IAT-2

Weeks-10-12

8

Conduct IAT-2, remedial classes for slow learners and get mid-semester feedback

Weeks-12&13

9

Conduct CCM 3, PETs and plan for IAT-3

Weeks-14&15

10

Conduct IAT-3, remedial classes for slow learners and plan for end-semester activities through clubs, forums and cells

Weeks-16&17

11

Organize co-curricular activities like Make-a-Product, Paper Presentations, etc. and get course-end-survey feedback

Weeks-18-19

12

Coordinate University practicals and end-semester exams

Weeks-20-24

13

Encourage students to undergo IPT, internships and certificate-courses

Weeks-25&26

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.kiot.in/wp-content/uploads/2022/03/1.1.1_Final_SD.pdf">https://www.kiot.in/wp-content/uploads/2022/03/1.1.1_Final_SD.pdf</a>

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

The Institution prepares a well-planned Academic Calendar (AC) at the Institute and Department level. Adherence to the AC is ensured by timely delivery of the key-activities.

S.No

Key-Activity

Planned-Week-of-Delivery-as-per-Academic-Calendar

Implemented-Week-of-Delivery

Action-taken-if-any

1

Prepare, release of Academic-Calendar at Institution & Department level

Week-0

Week-0

2

Allocation of courses to faculty members, preparation of timetables, lesson plan, pedagogical initiatives, writing COs and mapping with POs

Week-0

Week-0

3

Commencement of Theory-Laboratory classes, conduct Class Committee Meeting 1

Weeks-1&2

Weeks-1&2

4

Conduct PET, categorize students based on performance and begin placement activities

Weeks-3&4

Weeks-3&4

5

Plan for club activities and IAT-1

Weeks-5&6

Weeks-5&6

6

Conduct IAT-1 and plan for Academic Audit

Weeks-7-9

Weeks-7-9

7

Conduct CCM 2,PETs,Academic Audit and plan for IAT-2

Weeks-10-12

Weeks-10-12

8

Conduct IAT-2 and get mid-semester feedback

Weeks-12&13

Weeks-12&13

9

Conduct CCM 3, PETs and plan for IAT-3

Weeks-14&15

Weeks-14&15

10

Conduct IAT-3 and plan for activities through clubs, forums and cells

Weeks-16&17

Weeks-16&17

11

Organize co-curricular activities and collect course-end-survey feedback

Weeks-18-19

Weeks-18-19

12

Coordinate University exams

Weeks-20-24

Weeks-20-24

13

**Encourage students to undergo IPT, internships and certificate-courses**

**Weeks-25&26**

**Weeks-25&26**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.kiot.in/wp-content/uploads/2022/03/1.1.2_Final_SD.pdf">https://www.kiot.in/wp-content/uploads/2022/03/1.1.2_Final_SD.pdf</a>

**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**

**B. Any 3 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**

**12**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
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)****19**

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
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****996**

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

**The Institution readily provides emphasis on gender, environment and sustainability, professional ethics and human values as part of the curriculum and beyond curriculum through various programs.**



**Within Curriculum:**

The Institution incorporates issues relevant to gender equity, environment and sustainability, professional ethics and human values through various courses within the curriculum as mentioned in the below table:

Name of Cross Cutting Issue	Number of Courses incorporated within Curriculum
Gender Equity	0
Environment and Sustainability	16
Ethics and Human Values	5

**Beyond Curriculum:**

As the Institution is affiliated to Anna University, Chennai, the curriculum and syllabi are adhered as per the University guidelines. However, in order to integrate the crosscutting issues and instill provoking thoughts towards upliftment of the society among the students' minds, several programs are being conducted through various clubs, forums and cells like Women Empowerment Cell, Yoga Cell, Green Club, NSS, YRC, etc.

Name of Cross Cutting Issue	Organizing Cell/Forum	Number of Programs conducted beyond Curriculum
Gender Equity	Women Empowerment Cell	13

**Environment and Sustainability****Green Club, NSS, YRC, RRC, UBA & Rotaract****14****Ethics and Human Values****Yoga Cell, SIP, NSS, YRC, RRC, UBA & Rotaract****23**

File Description	Documents
Any additional information	<a href="#">View File</a>
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****174**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships****947**

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>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders**  
Students  
Teachers  
Employers  
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://kiot.ac.in/stakeholders-feedback/">https://kiot.ac.in/stakeholders-feedback/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://kiot.ac.in/wp-content/uploads/2022/06/1.4.2_Final_SD.pdf">https://kiot.ac.in/wp-content/uploads/2022/06/1.4.2_Final_SD.pdf</a>

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

562

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**
  
**448**
  

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**
  

**Due to pandemic lockdown, most of the activities are held online.**

**(A). Assessment Plan and Planned Activities**

**S.No**

**Timeline**

**Parameter(s) measured**

**Metric**

**Criterion for Slow**

**Learners**

**Planned activities**

**Expected Outcomes**

**1.**

After admission

-

-

-

Student Induction program(1-2 weeks)

- Orienting school students to college environment
- Holistic development

2.

After admission

Proficiency in English and Mathematics

Marks out of 100

< 25%

Bridge course

To improve the performance level in English and Mathematics

3.

Middle of each semester

Academic performance

Marks secured in IAT-1, IAT-2

< 50%

Remedial classes

Improvement in Academics/University pass percentage

4.

After University results

**Backlogs****Total No. of Arrears****6A+**

- Arrear coaching
- Motivation Programs
- Monitoring by HoD
- i-can club activities
- Reduction in no. of arrears.
- Better graduation rate

**5.****During each semester****Employability skills****Performance in EE test scores****Low. Medium, High****Special/Additional programs/training****Better in placement****(B) Special Programs organized for Slow Learners (SL):**

Communication training, Arrear Coaching, Personal Counseling with Parent, Paper Presentation through FAA Club

**(C) Special Programs organized for Advanced Learners (AL):**

Programing skills training, Make A Product practice, Student participation in Corporate Contest, Technical and social Club Events, Guidance competitive exam, Participation in Seminars, Workshops

**(D) Employability Enhancement Programs:**

Aptitude training, Mock Interview, Programming Skills and company specific training, Algorithmic thinking workshop

File Description	Documents
Paste link for additional information	<a href="#">Nil</a>
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
2043	154

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

#### Experiential Learning

#### Participative Learning

1. Make-A-Product (MAP)
2. Hands-on Training at Academic Lab
3. Industrial Visits -online
4. Final Semester Project

1. Seminars
2. Professional Society (SAE, IEEE...) & Corporate Contests (Ti, Quest Global...)
3. Technical Quiz
4. Model Demonstration
5. Lecture classes

#### Problem Solving Methodologies

#### ICT Enabled Learning

1. Assignments
2. Hands-on training for problem solving
3. Problem Solving using various open source software
4. Guest Lecture by Industry Experts on Problem Solving Methodology

## 5. Aptitude Training

## 6. Hackathons &amp; Coding Contests

1. Remote Learning using Google Classroom, Google meet and Zoom platforms
2. E-Learning resources (DIGIMAT, e-Journals, e-Books)
3. MOOC, NPTEL Courses
4. Blogging - Wordpress

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

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

Due to prevailing pandemic situation for the past two academic years almost all the teachers are using ICT tools effectively for their entire teaching-learning process.

Most commonly used classrooms and online platforms for interaction are:

Virtual Classroom - Google Classroom.

Virtual Meetings and Interaction - Google meet, Zoom, Webex, MS teams

In addition various ICT tools used are:

(i) You Tube videos

(ii) Animations

(iii) Open source Softwares

(iv) Virtual Laboratory

(v) Electronic resources from platforms like MOOCS, DELNET, NPTEL, SWAYAM, COURSERA, TED-Ed and spoken tutorial

(vi) DIGI-MAT



**KIOT has signed campus agreement with Microsoft for using its various products.**

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

### **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**

**125**

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**

**154**

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**

24

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

**947 years**

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.

1. As per the guidelines of affiliating University (Anna University), three IATs are conducted per semester.

2. Mode of conduction is Online (due to pandemic) and it is intimated well in advance to the faculty and students through EMS.

3. IATs Scheduled by EMS in adherence with Anna University academic calendar.

4. Preparation of IAT Timetable - Respective Department

5. Intimation to students and faculty through Circular- Respective Department

6. Conduction of IAT Exam- Respective Department

7. Display of Answer Keys at Dept./Classroom Notice Boards/ Google Classrooms(Virtual)

8. Evaluation of Answer Scripts

9. IAT for Practical / Projects, Schedule for Model Lab / Project Review

10. Uploading IAT Marks in AU Web Portal and College ERP Portal (Students can self-verify through their login credentials).

11. IAT Marks intimation to Parents

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

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

- As per the Anna University Regulation, Internal Assessment Test contributes 20% (Average of 3 IATs) of total marks.

- The performance of the students in IAT is communicated to the students immediately after completion of each IAT.

- In case of any grievances like,

(i) Total mistakes

(ii) Answers not evaluated by faculty

(iii) Step marks not given

(iv) Awarded lower score

(v) Deviation between key and evaluation etc., the students can approach the corresponding course faculty within two or three days.

- For any other unmet grievances students can meet HoD / VP / Principal within 3 or 4 days.

- In case of any grievances regarding the attendance percentage, student can meet their respective Class advisor for clarification

and it will be resolved within 1 or 2 working days.

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

## 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.

### Programme outcome (PO)

All the programme in the institute adopts the Programme outcome (PO) defined by National Board of Accreditation (NBA)

- Program Outcomes (POs), Program Specific Outcomes (PSOs) for all programs offered by the institution are published in the following publishing platforms.

1. College Website (www.kiot.ac.in)
2. College Calendar
3. Class Rooms
4. Laboratories
5. Department Notice Board
6. Department Office
7. HoD Chamber
8. Department Library
9. Department Newsletter / Magazine
10. Laboratory Manuals and Course Materials.

Course Outcomes (COs) of the course in the respective programs are published in

1. Course Log Book
2. Lab Manuals
3. Course Delivery Plan
4. Respective Class Rooms Notice Board
5. IAT Question Paper
6. Course Materials
7. Course PPT
8. Question Bank

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

### 1. Attainment calculation of Course Outcomes (COs):

#### Assessment Tools

#### Weightage

#### Overall Weightage in COs

#### Direct Assessment Tools (DAT)

#### Internal Assessment

#### Internal Exams

(IAT1, IAT2, IAT3)

20%

80%

#### Assignment

10%

#### University Results Assessment

70%

#### Indirect Assessment Tools

#### Course End Survey

20%

The CO target level is initialized based on previous university exam results of the respective courses. If the target value is attained, the value for next batch is increased by 0.1 from attained value to maximum level of 3. If not, the same value is maintained for the next year.

## 2. Attainment Calculation of POs and PSOs

### Assessment Tools

#### Weightage

#### Direct Assessment Tools (DAT)

#### CO Attainment of all Courses

80%

#### Indirect Assessment Tools (IntAT)

- Program Exit Survey (50%)
- Alumni Survey (25%)
- Employer Survey (25%)

20%

The POs and PSOs target level is initialized based on the range of percentage correlation by CO to PO / PSOs mapping. If the target value is attained, the value for the next batch is increased by 0.1 from the attained value subjected to the maximum value of 3. If the target is not attained, the same value is maintained for the next year.

The CO, PO/PSO attainment calculation is carried out in the designed Microsoft Excel Sheet by the respective faculty members. The attained level is reviewed in the Program Assessment Committee (PAC).

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

**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****694**

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	<a href="https://www.kiot.ac.in/annual-reports/">https://www.kiot.ac.in/annual-reports/</a>

**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.kiot.in/wp-content/uploads/2022/03/2.7.1%20sss%20response.pdf>

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****12.87**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
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>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)****3.1.2.1 - Number of teachers recognized as research guides**

8

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://www.aicte-india.org/">https://www.aicte-india.org/</a>

**3.2 - Innovation Ecosystem**

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

**1. Importance given by the Institution**

Culture of Innovation and Creativity as one of the Six Prime Mottoes of the Institution

**2. Creating Awareness**

Organizing 10+ programs (seminars, workshops and invited talks) related to innovations and IPR activities.

**3. Institution Innovation Ecosystem**



The Institution has created India Innovation and Start-up Policy (KIOT-ISP) for students and faculty members to engage in innovation and start-up related activities.

#### 4. KIOT Institution Innovation Council (IIC)

About 41 programs are organized to develop skills needed to be a successful entrepreneur / innovator.

#### 5. Facilities Created with Industry collaboration

(a) Industry Linked Laboratories with product development facilities:

- The institution has established 13 Industry supported laboratories and carried out 100+ activities like hands - on - training and workshops for product development to execute innovative ideas of students.

(b) I-Start Cell:

- Institution has established exclusive cell for promoting innovations by organizing activities related to Innovation, Entrepreneurship Development, Incubation and Start - Ups.

(c) Technical clubs:

- About 38 Technical Clubs are functioning and 81 activities are conducted.

#### 6. Outcomes Measured:

- 4 Star Rating by India Innovation Council (IIC) in 2020-21
- ARIIA Ranking: Band Performer in 2020-21 and B-band (26-50) in the Category of Self -financing colleges

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.kiot.ac.in/kiot-mhrd-iic/">https://www.kiot.ac.in/kiot-mhrd-iic/</a>

#### 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****10**

File Description	Documents
Report of the event	<a href="#">View File</a>
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****0**

File Description	Documents
URL to the research page on HEI website	<a href="https://www.kiot.ac.in/research/">https://www.kiot.ac.in/research/</a>
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****3**

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**

57

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

#### a). Social Clubs and Forums:

KIOT has carried various extension activities for sensitizing students to social issues for their holistic development through social clubs and forums with the following objectives:

- To identify the needs and problems of the community and involve them in problem solving process.
- To develop a sense of social and civic responsibility among the students.
- To promote voluntary blood donation among students.
- To practice national integration and social harmony.

#### 1. Activities Conducted:

S.No.

Name of the Club / Forum

Name of the Activity

No of KIOT students Participated

1

National Service Scheme (NSS)

National Road safety week

250

2

Pledge for Carbon Neutral in Educational Institut

450

3

Volunteer service in Tamilnadu State Legislative Assembly Election

62

4

National Youth Day

350

5

Unnat Barath Abhiyan (UBA)

Awareness Programme on National Educational Policy - 2020

60

6

Rotaract

Blanket Distribution Event

20

7

Rotaract Club Inaugural Ceremony

42

8

**IEEE Student Branch Societal Activities****IEEE YESIST'12- Junior Einstein Track Preliminary Round-2020 for school students**

20

**(b). Learning Outcomes**

- Competence required for teamwork and sharing of responsibilities.
- Skills in mobilizing community participation.
- Practice national integration and social harmony.
- Knowledge in finding practical solutions to community problems.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/clubs-2/">https://www.kiot.ac.in/clubs-2/</a>
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**

1

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

**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

8

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
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

1418

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
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

97

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
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

23

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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.

#### Infrastructure:

The college is located at Kakapalayam, which is 18 km from Salem City on Salem - Coimbatore NH - 544. The campus has 18.00 acres land area with trees and greenery. The college has 6 Academic blocks with total built up area of about 2.50 Lakhs Sq.ft and 1.00 lakh Sq.ft as Hostels and other amenities.

#### Class rooms and Seminar Halls:

The College has 44 Class Rooms, 09 Tutorial Halls, 03 Seminar Halls and 02 Drawing Halls. All the Class Rooms, Smart Class Rooms and Seminar Halls are well equipped with ICT facilities.

**Laboratory Facilities:**

As per the academic requirements of Anna University and AICTE guidelines, the college has 58 laboratories and central workshop with necessary experimental facilities, hardwares and softwares. In addition, 19 industry linked laboratories and centre of excellences beyond curriculum were established.

**Computing Facilities:**

The college has 24 Computer Centres with 800 Computers. In addition, 133 Computers and Laptops are available for faculty and office usage. All computers are connected with a campus wide internet backbone network and the entire campus is Wi-Fi enabled with a bandwidth of 500 Mbps. The college has 64 Printers, 14 Scanners, 03 Photocopiers and an A0 Plotter.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kiot.ac.in/facilities/ict-enabled-classroom-and-seminar-hall/">https://kiot.ac.in/facilities/ict-enabled-classroom-and-seminar-hall/</a>

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

The institution has sufficient sports facilities to encourage sport and vast campus provides number of fields for different sports and games requirements' of students.

**Sport facilities:**

- Indoor-54.32 sq.m
- Outdoor - 12918 sq.m

**Indoor Sports :**

The institution has fully furnished indoor games hall is utilized to play Table Tennis, Chess, Caroms etc., in the college campus with the following facilities:

S.No

Facilities



**Location****Area in sq.m****1****Table Tennis****Near Boys hostel****54.32****2****Chess****Neat security gate-1****3****Caroms****Neat security gate-1****Outdoor:**

The institution caters to the needs of all major outdoor sports with standard court and track facilities such as Cricket ground, Football court, Hockey ground, Athletics, Throwball court, Kabbadi court, Shuttle badminton court, Basketball ground, Cricket Net Practice and Volleyball court with an area of 12918 sq.m.

**Gym**

The institution has well equipped gym with an area of 54.4 sq.m. It is opened in the morning and evening session for their daily workout practice.

**Cultural Activities**

A fine arts club is functioning at MBA block and it has music instruments like keyboard, guitars, and drum set etc. for the students to participate. An open stage facility is available for the students to cultural music programs.

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

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

51

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kiot.ac.in/facilities/ict-enabled-classroom-and-seminar-hall/">https://kiot.ac.in/facilities/ict-enabled-classroom-and-seminar-hall/</a>
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)

109.40

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

**KIOT-Integrated Library Management System (ILMS)**

Name of the ILMS

Nature of Automation

Version

Year of Automation

Annual Maintenance Contract(AMC)

CampesiLIB

Fully

7.0.1

2009

Yes

Valid up to 31Aug2022

About KIOT CampesiLIB

KIOT central library has campesiLIB software for automation of entire library operations. The software was installed in 2009 and is upgraded every year. The software covers the library operations such as manage books, manage members and book search. The details are given below.

The following features are available in KIOT CampesiLIB software:

- Administration Module
- OPAC
- E-gate Entry

The Administration Module includes following facilities like

- Manage Members
- Manage Books
- Manage Non-Books
- Manage Periodicals
- Circulation of materials
- Circulation Reports
- Book Stock Verification

- **Reports**

Online Public Access Catalog includes following facilities like

- Book Search
- Periodical Search
- Non-Book Search
- Member Due Check
- Member Transaction History View
- Book Reservation

#### E-gate Entry

Using this software, the entire operations like book borrowing and return, library usage, entry and exit of faculty and students are monitored on a day to day. With this information, the better usage of library facilities are planned and executed.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://kiot.ac.in/facilities/library/integrated-library-management-system-ilms/">https://kiot.ac.in/facilities/library/integrated-library-management-system-ilms/</a>

**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)**

**13.73**

File Description	Documents
Any additional information	<a href="#">View File</a>
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****405**

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

KIOT IT Infrastructure includes hardware, software, network resources to ensure that students and faculty members have constant and uninterrupted internet access. With respect to the IT Up-gradation policy, the hardware equipment's are upgraded in a phased manner.

**ICT enabled Teaching Learning Facility (Software):**

During COVID-19 pandemic, all UG/PG Classes are conducted using Google Classroom Facility. For organizing webinars and conduct meetings Webex with 1000 participants and Zoom meet with 500 participant licenses were purchased and used.

**Internet & Wi-Fi (Hardware):**

During the Academic Year 2020-21, the internet bandwidth has been increased from 102Mbps to 500Mbps. To ensure stable network connectivity, three ISP were engaged. For better information security, Fortigate firewall is upgraded. To offer better WiFi

connectivity, 37 new Wireless Access Points are added.

#### Computing Facility (Software):

During the Academic Year 2020-21, Microsoft Campus License is renewed. Various software are upgraded with AMC options. Mechanical Engineering department has purchased new version of ANSYS Software with more features.

#### Computing Facility (Hardware):

On the Computing facility part, 1 Server, 130 Computers, 12 Laptops, 4 Printers and one scanner are added during the Academic Year 2020-21. RAM has been upgraded in 36 PCs and 500GB HDD has been added in 22 PCs.

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

#### 4.3.2 - Number of Computers

898

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)**

25.20

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

For systems, equipment and devices to function effectively, regular maintenance or preventive maintenance is carried out. The routine includes daily, weekly, bi-weekly, monthly, quarterly, half-yearly and annual schedules. The items covered are building infrastructure, electrical items, plumbing items, laboratory items, computers and accessories, teaching aids, audio-video systems, RO plant, kitchen equipment, furniture and fittings, Power backup systems, air conditioners, CCTV surveillance, sewage treatment system, routine maintenance of transport buses, cars and others.

Cleaning of build-up area, Class rooms, Laboratories, Seminar halls, Restrooms and Campus area are carried out on a daily basis. Proper maintenance calendar for each item or a group of items are made and are carried out. The work is supervised by Estate Officer, Transport Manager and Administrative Officer.

Despite regular maintenance, sometimes certain systems or equipment fail. Under such cases breakdown maintenance is carried out. Proper system is established to carry out such breakdown maintenance works. Each work is carried out at one level are verified by the next level administration.

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

1100

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

639

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>



<b>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</b>	<b>A. All of the above</b>								
<table border="1"> <thead> <tr> <th data-bbox="86 441 542 506">File Description</th><th data-bbox="552 441 1479 506">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="86 506 542 656">Link to Institutional website</td><td data-bbox="552 506 1479 656"><a href="https://kiot.ac.in/centre-for-career-development-and-training/training/">https://kiot.ac.in/centre-for-career-development-and-training/training/</a></td></tr> <tr> <td data-bbox="86 656 542 721">Any additional information</td><td data-bbox="552 656 1479 721"><a href="#">View File</a></td></tr> <tr> <td data-bbox="86 721 542 869">Details of capability building and skills enhancement initiatives (Data Template)</td><td data-bbox="552 721 1479 869"><a href="#">View File</a></td></tr> </tbody> </table>	File Description	Documents	Link to Institutional website	<a href="https://kiot.ac.in/centre-for-career-development-and-training/training/">https://kiot.ac.in/centre-for-career-development-and-training/training/</a>	Any additional information	<a href="#">View File</a>	Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>	
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Link to Institutional website	<a href="https://kiot.ac.in/centre-for-career-development-and-training/training/">https://kiot.ac.in/centre-for-career-development-and-training/training/</a>								
Any additional information	<a href="#">View File</a>								
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>								
<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>									
<b>696</b>									
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>									
<b>696</b>									
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Any additional information	<a href="#">View File</a>								
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>								
<b>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</b>	<b>A. All of the above</b>								

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

## 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

489

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
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

15

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
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

12

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
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.

03

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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 students are involved in various administrative, co-curricular and extracurricular bodies as follows:

## 1. Students in Administrative activities

S.No.

Administrative body

Students Count

1

IQAC

01

2.

Anti-Sexual Harassment Cell

06

3.

Grievance and Redressal Committee for Students

01

4.

Grievances Redressal and Empowerment Committee for SC/ST Students

05

5.

Anti-Ragging Committee and Anti-Ragging Squad

02

6.

Equal Opportunity Cell

02

7.

## Library Committee

09

8.

## Centre for Placement and III

05

9.

## Centre for Career Development and Training

05

10.

## Class Committee

216

11.

## Class Representative

44

## 2) Students in Co Cocurricular activities / Professional Societies

S.No.

Cocurricular body / Professional Society

Students Count

1.

Institute of Electrical and Electronics Engineers Student Branch

05

2.

Society of Automotive Engineers India

04

3.

Institution of Engineers (India)

05

4.

Intellectual Technocrats of Electronics and Communication Association

15

5.

Active Magestic Brains of Electrical Ramboz Association

12

6.

Society of Computer Intellects Association

16

7.

Fruction Lore Association of Mechanical Engineering

14

8.

Passionate Association of Civil Engineering

12

3.Students in Extracurricular Activities / Clubs

S.No.

Extracurricular body

Students Count

1.

Sports Club

15

2.

Fine Arts Club

11

3.

YRC and RRC

09

4.

Unnat Bharat Abhiyan

05

5.

Rotaract Club

11

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.in/wp-content/uploads/2022/03/5.3.2.pdf">https://www.kiot.in/wp-content/uploads/2022/03/5.3.2.pdf</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****42**

File Description	Documents
Report of the event	<a href="#">View File</a>
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

Alumni association acts as a bridge between alumni and Institution. Through alumni association, the alumni are connected for their career growth and help the institution and current students to progress in many ways. KIOT alumni association is named as "KIOT Alumni Association Salem". The alumni association was registered on 27.08.2021 under Tamil Nadu Societies Registration Act, (Tamil Nadu ACT 27 of 1975). It organizes many activities such as mock interviews, alumni interactions, guest lectures, creating awareness on industry trends.

Activities conducted in the AY 2020-21 as follows;

**a) College Level Activities**

i) Alumni Induction program for 2021 Passed out batch

ii) Alumni Induction program for 2020 Passed out batch.

iii) Alumni meet (Alumni Sangamam 2019) for 2019 Passed-out batch.

iv) Alumni meet (Alumni Sangamam 2018) for 2018 Passed-out batch.

v) Alumni meet (Alumni Sangamam 2017) for 2017 Passed-out batch

**b) Department Level Activities**



S.No.

Name of the Department

No.of Activities

1.

Mechanical Engineering

04

2.

Civil Engineering

07

3.

Electrical and Electronics Engineering

13

4.

Electronics and Communication Engineering

05

5.

Computer Science and Engineering

05

Total

34

c)Alumni Contribution:

The members of the association have contributed Rs 3.11 lakh during the academic year 2020-21.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.in/wp-content/uploads/2022/03/5.4.1.pdf">https://www.kiot.in/wp-content/uploads/2022/03/5.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

C. 3 Lakhs - 4Lakhs

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

### 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

KIOT is established in 2009 with a road map of becoming one among Top 500 in the world by 2035. The vision and mission of the institution are:

The Management, Principal, HODs and Faculty members are effectively functioning towards achieving the Vision and Mission of Knowledge Institute of Technology.

To achieve the vision and mission, strategic plans are developed and revised once in 5 years.

#### Participation of Teachers in Decision-Making Bodies

The faculty are given higher roles in various decision making bodies such as Internal Quality Assurance Cell (5 Nos.), Anti Sexual Harassment Cell (9 Nos.), Grievance and Redressal Committee for Students (5 Nos.), Grievances Redressal and Empowerment Committee for SC/ST Students (5 Nos.) and Anti-Ragging Committee and Anti-Ragging Squad (8 Nos.). With the Effective Leadership, Road map, Vision and Mission, active participation of faculty and staff, the students could achieve better heights. It has resulted in good admission position within top 40-60th position among Self-Financing Engineering colleges in the state.

## Quality Policy

To pursue and continuously improve global standards of excellence in all our endeavours. At each stage of planning, faculty members are involved in setting the target and progress is reviewed at frequent intervals.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/about-us/vision-mission/">https://www.kiot.ac.in/about-us/vision-mission/</a>
Upload any additional information	No File Uploaded

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

The KIOT Trust delegates the operational powers to the Secretary of the Trust to lead the college in the successful manner. In the next level, the Principal is the head of the institution and he efficiently plans various activities and ensures the smooth conduction of all administrative and academic activities.

**Case Study: Enhancing Research attitude among faculty members through online research webinar series - "Every One Can Do Quality Research"**

The process involves the following:

S.No

Key Activity

Participation in Decision Making and Execution

01

Collecting Feedback from Faculty through Google Form

HODs, Department Research Coordinators

& Faculty

02

Research Committee meeting with Principal to decide action plan

Principal, HODs & Research Committee Members

03

Online Webinar program Announcement

Members of Research Forum

S. No

Key Activity

Participation in Decision Making and Execution

04

Execution of the Online Webinar program

Members of Research Forum

05

Feedback at the end of each webinar program

Participating Faculty & Research Committee

Members

06

Review and future course of action at Research Committee meeting

Principal & Research Committee Members

Outcome: Through structured series of webinar programs have enhanced research attitude among all the faculty members of the institution.

File Description	Documents
Paste link for additional information	<a href="http://www.kiot.in/wp-content/uploads/2022/03/6.1.2_DECENTRALIZATION_PARITICIPATIVE_MANAGEMENT.pdf">http://www.kiot.in/wp-content/uploads/2022/03/6.1.2_DECENTRALIZATION_PARITICIPATIVE_MANAGEMENT.pdf</a>
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

KIOT has strategic plan for every 5 years. One such strategic plan proposed for AY: 2020-21 is to enhance the placement of students of core engineering branches in IT Companies by providing them relevant training on IT skills. The development of the strategy is explained as a case study.

**Strategy:** Enhancing placement of core engineering students in IT companies by training them on IT skills.

**Input:** In the class committee meeting and parents meeting, the students and parents of core engineering branches requested to provide additional training on programming skills to have better prospects for getting placement in IT companies.

**Development of strategy:** The feedback received from students and parents were discussed in the department faculty meeting and in HoDs meeting. It was decided to conduct intensive training programs on programming and other required skills for core engineering Students such as Mech, EEE and Civil.

**Execution:**

Various training programs organised

- Aptitude Training
- Programming Training
- AMCAT Assessment
- Company Specific Training
- Mock Interviews

**Outcome:**

In core engineering branches, out of 73% placement, 54% of students

got good placements in IT companies. Hence, there is a significant improvement in IT placements in core branches compared to previous year.

#### Details

AY: 20-21

AY: 21-22

No. of Students opted for Placement (Mech+EEE+Civil)

285

154

No. of Students Placed in IT Companies

60

62

Average Salary

3.13 Lakhs

3.66 Lakhs

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
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.

#### Organization structure and Governance

The organizational structure of KIOT includes Governing Council, Principal, Functional Heads, HODs, Faculty and supporting staff with clearly defined roles and responsibilities. The college has established various Statutory and Non-statutory

bodies/committees/cells for effective functioning. Some of the key bodies are

- Governing Council
- IQAC
- Planning and Monitoring Committee
- Anti-Sexual Harassment Cell & Internal Complaints Committee (ICC)
- Grievances Redressal Committee for Students
- Grievances Redressal and Empowerment Committee for SC/ ST Students
- Other Backward Class Cell
- Discipline and Welfare Committee
- Anti-Ragging Committee & Anti-Ragging Squad
- Academic and Administrative Audit Committee (AAA)

### Service Rules

The college policy hand book provides the detailed information on Service Rules, Leave Rules, Policies and Procedure for various activities which is provided in the college website. This book ensures that all faculty, staff members and students aware of various rules and procedures.

### Grievances Redressal System

Students can submit their grievances in class committee meetings, suggestion box at department office and principal office, by email / SMS, by online grievances systems. Grievances are received from parents directly in parents meeting. Students and parent's grievances are analyzed and redressed by the Grievances and Redressal Committee, Principal and Management.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.in/wp-content/uploads/2022/03/6.2.2_SupportingDocument.pdf">https://www.kiot.in/wp-content/uploads/2022/03/6.2.2_SupportingDocument.pdf</a>
Link to Organogram of the institution webpage	<a href="http://www.kiot.in/wp-content/uploads/2022/03/KIOT_organogram.pdf">http://www.kiot.in/wp-content/uploads/2022/03/KIOT_organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation Administration Finance and  
Accounts Student Admission and Support  
Examination**

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

**List of existing welfare measures for teaching and non-teaching staff of our institute:**

- Permitting On Duty to the faculty members with 100% sponsorship for attending FDP / Seminars / Workshops / Conferences / MOOC Courses.
- Providing Employee Provident Fund and Group Insurance.
- Providing Wedding Gift of Rs.1000.
- Free transportation for all teaching faculty and staff.
- Free accommodation for faculty and staff staying in hostel.
- An exclusive induction training for new faculty members.
- Awarding good performers at every year on special occasions like Achievers Award functions and Annual Day.
- Encourage faculty to participate programs conducted by Premier Institution like IITs, NITs, IISE, etc., and provide financial support.
- Organize Staff Welfare Programs and family tours through staff club.
- Late register, Permission, Casual Leave, Compensation Leave, Medical Leave and Vacation Leave are provided.
- Providing Maternity Leave to lady faculty.
- Providing Free Food for Transport Staff and Securities.
- Providing free Uniform Dress for Drivers, Securities, Hostel workers and Garden workers.
- One month interest free salary advance for Supporting Staffs for emergency needs.



File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/institution-policy/">https://www.kiot.ac.in/institution-policy/</a>
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**

21

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**

25

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
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

133

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
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. Every year in February, Principal/IQAC issues a circular for the faculty to submit Faculty Performance Appraisal (FPA) details in a structured format.

2. Effectiveness of the Faculty Performance Appraisal (FPA) system is improved as listed below:

- All faculties submit their Faculty Performance Appraisal (FPA) reports in a structured format to HOD on a yearly basis.

- HODs verify the genuinity, evaluate the report, award the score and suggest ways for further improvements.

- HODs submit the consolidated details of faculty performance of their respective department to the Principal.

- Based on FPA scores, any one of the following measures are taken.

i) Best Faculty Award for the top performer.

ii) Suggestions for further improvements who satisfies the minimum requirements.

iii) Specific performance improvements measures for those who score below the required minimum.

c) For low performers, the improvements made by the faculty are specifically monitored in the subsequent years.

d) Similar procedure is following for the supporting staff.

File Description	Documents
Paste link for additional information	<a href="http://www.kiot.in/wp-content/uploads/2022/03/6.3.5_Faculty_empowerment_strategies.pdf">http://www.kiot.in/wp-content/uploads/2022/03/6.3.5_Faculty_empowerment_strategies.pdf</a>
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

The institution conducts internal and external financial audits for the effective utilization of the financial resources

### Internal Audit:

An Internal Audit Committee (IAC) formed by the trust conducts the internal audit once in a quarter. During the audit the audit committee checks cash books, bank books, general ledgers, vouchers, journal entries, salaries and wage payments, loan repayments, taxation matters, income-expenditure and financial positions. IAC submits the findings of the audit in the General Body Meeting (GBM) of the trust and Board of Trustees meeting (BoTM). Based on the audit report, corrective measures (if necessary) are suggested by the GBM/BoTM. The IAC also reviews whether the expenses incurred are within the approved budget.

### External Audit:

External audit is conducted by an auditor appointed by the trust. He audits the accounts and compliance with respect to state and central Government norms. He reports the findings and corrective actions (if necessary) to the management once in a quarter. At the end of financial year, the trust auditor audits the statement of accounts and submits the Audited Statement of accounts to the Income Tax department.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/audit-statements/">https://www.kiot.ac.in/audit-statements/</a>
Upload any additional information	No File Uploaded

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

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

5.60

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
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

##### Major Sources of Revenue:

- College Fees (College, Transport & Hostel)
- University Examination Fees
- Rent and Amenities
- Research and Other Grants

##### Major Expenditure Items:

##### a) Recurring Expenses

- Faculty & Staff Salary
- Student Related Expenses - Clubs/Forums/Association Activities & Guest Lectures
- MBA Student Development and Visiting Faculty Expenses
- Student Book & Stationary Expenses
- Statutory Expenses
- Library Books (Recurring)
- Advertisement, Admissions and Outreach

- Placement and Industry Institute Interaction (III)
- Student Development and Training through Centre for Career Development and Training (C-CDT)
- College Common Expenses and College Infrastructure Maintenance

#### b) Capital Expenses

- Infrastructure Capital Expenditure
- College Capital Expenditure (Equipments, Computers, etc.)
- Library Books (Capital)

Optimal Utilization of Resources are ensured through:

- Annual budgeting process
- Planning and Monitoring Committee (PMC)
- Monthly review of budget, income, expenditure by the Trust BoT meeting
- Internal and external finance auditing processes.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/audit-statements/">https://www.kiot.ac.in/audit-statements/</a>
Upload any additional information	No File Uploaded

### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

**IQAC has taken the lead in developing activities that are aligned with the quality improvement strategies.**

**Two practises that have been entrenched as a consequence of IQAC efforts.**

- Incorporating ICT Tools into Teaching Learning (Video content preparation and ICT tool usage)
- Human resource development (Faculty training on Mentoring)

#### Practice 1: Video content preparation and ICT tool usage

The teaching-learning process has undergone a paradigm change. The transition from traditional teaching methods to ICT-enabled instruction is critical. To meet the requirement, IQAC has organised webinars and training sessions on video content creation and ICT

tools to familiarise faculty members on ICT tool usage. Also, COVID-19's spread has necessitated that the classes be taught entirely online. The training on ICT tools and online delivery techniques have aided faculty members in conducting online courses smoothly.

#### Practice 2: Faculty training on Mentoring

A student's professional path is determined by how he or she is mentored during their higher education. The mentor-mentee system has been adopted at KIOT and faculty mentors are assigned to students. To ensure successful mentorship, IQAC has organised a variety of mentoring programs for faculty members. As a result, students' academic and placement performance has improved.

File Description	Documents
Paste link for additional information	<a href="https://www.kiot.ac.in/iqac/quality-initiatives-by-iqac/">https://www.kiot.ac.in/iqac/quality-initiatives-by-iqac/</a>
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

The Internal Quality Assurance Cell (IQAC) initiates the following activities to review and ensure the effective implementation of teaching learning process.

- Academic and Administrative Audit (AAA)
- Class Committee Meeting
- Academic Review meeting
- Department Faculty Meeting
- QIC & PAC Meeting

Academic Audit is conducted by IQAC through the Academic and Administrative Audit (AAA) committee during every semester as per the academic calendar. The members of the academic audit committee visit all the departments to inspect the records related to Teaching Learning Process, Learning Outcomes, Best Practices and usage of ICT tools.

Class committee meetings (CCM) are held periodically to ensure the progress of syllabus, usage of ICT tools and other student

grievances. The difficulties are identified and rectified then and there.

Academic Review Meeting is conducted with students and IQAC members to review the progress of Academic classes, effectiveness of examinations, conduction of CCM, participation in Co-curricular and extra-curricular activity and adherence to Lesson Plan,

The semester examination results are discussed in the department faculty meeting and the attainment of course outcomes are discussed and appropriate remedial actions are taken if necessary to ensure the effective and efficient functioning of the teaching learning process

Quality Improvement Committee (QIC) and Program Assessment Committee (PAC) constituted in the department level to meet periodically to review the IATs question papers, COs statement, CO-PO/PSO mapping and its attainment levels.

File Description	Documents
Paste link for additional information	<a href="https://kiot.ac.in/iqac/academic-and-administrative-auditaaa/">https://kiot.ac.in/iqac/academic-and-administrative-auditaaa/</a>
Upload any additional information	No File Uploaded

**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	<a href="https://www.kiot.ac.in/annual-reports/">https://www.kiot.ac.in/annual-reports/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
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

KIOT provides equal opportunity for men and women in all activities. The institution has exclusive women empowerment cell to sensitize the girl students on gender equity. Various co-curricular activities such as workshop, seminars, guest lectures, webinars, poster presentation, counselling social club events and higher education awareness programs are organized. During the academic year about 8 programs are organized through women empowerment cell in these dimensions.

The institution has Anti- Sexual Harassment Cell / Internal Complaints Committee, OBC Cell, SC/ST Cell, Equal Opportunity Cell, Anti-Ragging Committee and Anti-Ragging Squad, Grievance and Redressal Cell, Discipline and Welfare Committee to take care of various aspects of gender equity. The college has well established Mentor-Mentee system that take care personal issues related to gender equity as well.

Annual gender sensitization action plans is prepared to promote gender equality among our staff members and students and are executed.

Facilities for women in Campus:

Safety and Security

- Security Guards
- CCTV Surveillance



- Visitor Register
- Female warden & supervisor
- Restricted Entry

### Counseling

- Faculty Advisor
- Women Empowerment Cell
- Mentor-Mentee System

### Common Rooms

- Boys Common Room
- Girls Common Room

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.kiot.in/wp-content/uploads/2022/03/7.1.1%20A_KIOT.pdf">https://www.kiot.in/wp-content/uploads/2022/03/7.1.1%20A_KIOT.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://www.kiot.in/wp-content/uploads/2022/03/7.1.1%20B_KIOT.pdf">https://www.kiot.in/wp-content/uploads/2022/03/7.1.1%20B_KIOT.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**

**D. Any 1 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**

### Solid waste Management

- In order to achieve a healthy and conducive environment in KIOT campus a mechanism of solid waste collection and storage is devised and the collected solid waste such as metal scraps, debris, plastic waste, and paper waste are disposed through vendors.
- Food and vegetable wastes from hostel and canteen are collected and fed to the cattle outside the campus.

### Liquid Waste Management

- In KIOT campus, in the North Eastern side of boys hostel a Sewage Treatment Plant with a capacity of 45,000 litres / day is effective to recycle the waste water. The treated water is utilized for watering the lawns, trees and plants with the help of drip irrigation.

### Bio-Medical waste Management

- The used sanitary napkins that are collected from the Girl's restroom and Girl's hostel are incinerated and safely disposed at campus level.

### E- Waste Management

- In KIOT campus the Electronic waste generated from all departments are collected and stored with the help of maintenance team and safely disposed through vendors.

### Chemical waste Management

- Chemical waste generated from Environmental and Chemistry laboratories such as acids and solutions are collected in separate container which are neutralized with appropriate bases or acids and discharged via sinks

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>

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Geo tagged photographs / videos of the facilities</td><td><a href="#">View File</a></td></tr> <tr> <td>Any other relevant information</td><td><a href="#">View File</a></td></tr> </tbody> </table>	File Description	Documents	Geo tagged photographs / videos of the facilities	<a href="#">View File</a>	Any other relevant information	<a href="#">View File</a>			
File Description	Documents								
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>								
Any other relevant information	<a href="#">View File</a>								
<b>7.1.5 - Green campus initiatives include</b>									
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li>1.Restricted entry of automobiles</li> <li>2.Use of bicycles/ Battery-powered vehicles</li> <li>3.Pedestrian-friendly pathways</li> <li>4.Ban on use of plastic</li> <li>5.Landscaping</li> </ol>	<b>A. Any 4 or All of the above</b>								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Geo tagged photos / videos of the facilities</td><td><a href="#">View File</a></td></tr> <tr> <td>Various policy documents / decisions circulated for implementation</td><td><a href="#">View File</a></td></tr> <tr> <td>Any other relevant documents</td><td>No File Uploaded</td></tr> </tbody> </table>	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	
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								
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>									
<b>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</b>	<b>B. Any 3 of the above</b>								

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	No File Uploaded
Any other relevant information	No File Uploaded

**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).**

In our institution various motivational and awareness programs were conducted through Staff Club for betterment of faculty and staff members. Commemorative days like World earth day, Engineers day, Women's day, Yoga day and National festivals are also celebrated in the college through various forums.

Equal opportunities are provided to the students to participate in various activities conducted through various forums irrespective of their caste, creed, religion and region to celebrate harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

In this concept, KIOT has organized the following events.

Name of the Event

Time to Focus on Work Life Balance

Success in Life Needs Emotional Intelligence

Sweet Life without Sweet

Time to Protect Ourselves from Covid -19

Fit India Freedom Run 2020

National Road Safety Week

Rotract Club Inaugural Ceremony-2021

Blanket Distribution Event

Awareness Programme on National Educational Policy-2020

Virtual Music Concert Jazz Evening 1.0

Virtual Dance Vs. Dance 3.0

Short Tamil Poem Competition 4.0

A Virutual Kutties Talent Show 5. 0

A Tribute To SPB 7.0

World Earth Day Celebration

Conference on Choose to Challenge by Rethinking Opportunities- Women in Manufacturing Sector

International Women's Day - Poster Competition & Oral Presentation on the Theme, Women in Leadership

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

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

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students. KIOT has organized/celebrated various programmes to create awareness and nurture them as better citizens of the country.

S.No

Events

Date

A

National Festivals(Fundamental duties and responsibilities)

1

Independence day

15.08.2021

2

International yoga day

20.06.2021

3

Republic day

26.01.2021

4

Engineers day

15.09.2020

5

Teachers day

05.09.2020

B

National Service Scheme(NSS)

1

Online awareness program about Covid-19 psychology counseling Program

10.06.2021

2

Assist of NSS volunteers /College students Tamil Nadu state legislative assembly election

05.04.2021 & 06.04.2021

3

Assist of NSS volunteers/College students Tamil Nadu state legislative assembly election

17.03.2021

4

National youth day

12.01.2021`

5

National road safety week

11.01.2021

6

Pledge for carbon neutral in educational Institute. On Not-Zero Net-Zero

12.12.2020

C

Rotaract

1

Awareness programme on national educational policy-2020

23.03.2021

2

Blanket distribution event

31.12.2020

3

Rotaract club Inaugural ceremony-2021

03.10.2020

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.kiot.in/wp-content/uploads/2022/03/7.1.9%20A_KIOT.pdf">https://www.kiot.in/wp-content/uploads/2022/03/7.1.9%20A_KIOT.pdf</a>
Any other relevant information	NIL

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional**

**A. All of the above**



**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

Institution organizes national and international commemorative days, events and festivals to maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage. The academic calendar is brimming with important events which show enthusiasm of this institution in celebrating many national as well as international days and commemorative events and festivals. In this concept, Knowledge Institute of Technology has organized / celebrated the following events:

S.No

Events

Date

A

NATIONAL COMMEMORATIVE DAYS / EVENTS

1

National Youth Day

12th January

2

Republic Day

26th January

3

Independence Day

15th August

4

Teachers' Day

5th September

5

Engineer's day

15th September

B

INTERNATIONAL COMMEMORATIVE DAYS / EVENTS

6

International Women's Day

8th March

7

World Earth Day

22nd April

8

International Yoga Day

21st June

C

**FESTIVALS**

9

Vinayaka Chaturthi

22nd August

10

Ayudha Pooja

25th October

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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 Practices - I****1. Title of the Practice**

Creating Awareness on Sustainable Development Goals (SDGs) among students through Online Contest. (During Covid-19 lockdown)

**2. Objectives of the Practice**

To nurture the Culture of Innovation in student's minds and make them think about solutions towards UN Sustainable Development Goals.

**3. The Context**

To create awareness on SDGs, an Online Contest "Big Problem Best Solution" (BPBS) was launched in April 2020, to make the students

understand and provide innovative ideas to attain SDGs.

## Best Practices - II

### 1. Title of the Practice

Capacity development on making quality videos for online teaching.  
(During COVID-19)

### 2. Objectives of the Practice

Equipping the faculty of the institution to develop online teaching content and conduct online classes effectively.

### 3. The Context

During COVID-19 lockdown, the institution has trained the faculty on "Preparing Effective Online Teaching Content and Efficient teaching" to enhance the development and delivery of video lectures.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.kiot.in/wp-content/uploads/2022/03/7.2.1%20A.pdf">https://www.kiot.in/wp-content/uploads/2022/03/7.2.1%20A.pdf</a>
Any other relevant information	<a href="https://kiot.in/wp-content/uploads/2022/03/7.2.1%20B.pdf">https://kiot.in/wp-content/uploads/2022/03/7.2.1%20B.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

### Quality Placement for Successful Career

Knowledge Institute of Technology (KIOT) has "100 Percent Career Success" as one of the prime mottoes. As KIOT is located in a semi-urban area, the composition of the students is heterogeneous in nature, and most of them are first generation graduates with moderate financial backgrounds. Hence, most of the students prefer placement rather than higher studies or entrepreneurship.

Therefore, KIOT focuses more on training the aspiring students on the required employability skills throughout the period, and they

are given wide opportunities for placement. Due to structured training programs, the employability skills of the students are enhanced to the expected level of industries. Every year, more than 90% students of get placement offer from leading core and IT companies. In the academic year 2020-21, 94.76% of the students were placed in various companies. The average annual salary of the students placed is 3.03 lakh and it keeps on increasing year-on-year.

Hence, the KIOT is the preferred destination for pursuing higher education in the region and placement of students is one of the distinctive features of the institution.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

1. Obtaining Autonomous status for the Institution
2. NBA Accreditation for M.B.A, M.E. and B.E. Civil Engineering Programs
3. Restructuring the activities of Centre for Career Development and Training (C-CDT) in-line with Industry requirements
4. Enhancing Campus e-Governance System with new features
5. Establishing Incubation and Start up facilities
6. Enlarging the Hands-on activities of every functional area through Clubs and Forums
7. Enhancement of Research paper publications in Sci and Peer reviewed Journals
8. Enhancing the Consultancy work
9. Improving the Patenting work by departments
10. Creating Industry relevant Curriculum Design Development and Assessment under Autonomous