



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1. Name of the Institution

K J Somaiya Institute of Technology

- Name of the Head of the institution **Dr. Suresh K Ukarande**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
  
- Phone No. of the Principal **02244444401**
- Alternate phone No. **02244444402**
- Mobile No. (Principal) **9820555761**
- Registered e-mail ID (Principal) **principal.tech@somaiya.edu**
- Address **Ayurvihar, Sion, off Eastern Express Highway**
- City/Town **Mumbai**
- State/UT **Maharashtra**
- Pin Code **400022**

##### 2. Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **12/03/2021**
- Type of Institution **Co-education**
  
- Location **Urban**

- Financial Status **Self-financing**
  
- Name of the IQAC Co-ordinator/Director **Dr. Sunita Patil**
- Phone No. **40000417**
- Mobile No: **7718829820**
- IQAC e-mail ID **iqac.tech@somaiya.edu**

**3.Website address (Web link of the AQAR (Previous Academic Year))** [https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/agar+21-22\\_uploaded.pdf](https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/agar+21-22_uploaded.pdf)

**4.Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/combinepdf.pdf>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.21</b>	<b>2017</b>	<b>30/10/2017</b>	<b>29/10/2022</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.21</b>	<b>2022</b>	<b>30/10/2022</b>	<b>31/12/2026</b>

**6.Date of Establishment of IQAC** **04/02/2015**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>nil</b>	<b>nil</b>	<b>nil</b>	<b>Nil</b>	<b>nil</b>

**8.Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10. Did IQAC receive funding from any funding agency to support its activities during the year?** **No**

- If yes, mention the amount

**11. Significant contributions made by IQAC during the current year (maximum five bullets)**

Establishment of the PhD Research Center in Computer Engineering, Information Technology and Electronics & Telecommunication Engineering Branches.

Preparation of NEP2020 Implementation plan as per guidelines

Artificial Intelligence & Data Science Department Laboratory upgradation

Conduction of university approved Interviews and Implementation of Time -bound Promotions for support staff.

Improvement in Faculty Publication in Scopus, Wos and UGC approved Journals to encourage Research Culture

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
Prepare for NEP2020 in the Autonomous Syllabus	Draft for the Autonomy Scheme II and Scheme IIB for FY is prepared
Preparation of PhD Research Center for Computer Engineering, Information Technology and Electronics & Telecommunication Engineering Branches.	Research Centers for all branches is established for the AY 22-23
Faculty Recruitment to fulfill cadre ratio	University approved interviews were conducted in AY22-23
Liaising with industry for real-time projects	Industry projects received with Industry mentors.
Collaboration with Industry for internship opportunities	Students are working as interns in industry.
Website Redesign	Website design is complete
Project Consultancy Initiatives	EXTC and Computer Departments have received consultancy projects and students are working under the guidance of the faculties
Conduction of IEEE International Conference ICAST-2022	IEEE ICAST-2022 Conference is conducted in Dec 2022
Improve Quality of Research Publications of Faculty	Number of Publications in Scopus, WoS and UGC Journals shows improvement
Improve ranking of ARIIA, NIRF	Nil
Conduct awareness and sensitization programs on gender diversity and equality	Conducted programs on gender diversity and sensitivity.
Training of faculty in recent trends and technology.	Faculty are participating in ISTE approved STTPS, AICTE ATAL FDPs, Industry organized workshops and events.
Participation of faculty in Certifications	Faculty completed courses from NPTEL, Spoken Tutorials, Coursera etc.,.

Participation of students in Certifications for lifelong learning	Students completed courses in NPTEL, Spoken Tutorials, Coursera, Udemy, etc.,.
Conduct regular academic audits	Internal and External audits are conducted
Conduction of Green Audits	Green Audit is conducted successfully
Alumni Connect is planned for initiatives like project guidance, expert talks and industry connect	Alumni have supported institute by guiding students for projects, giving expert talks, acting as Judges in technical competition, providing internships to students etc.,.
For overall growth of the Institute each Department is asked to prepare 8 point strategic plan implementation and 40-point action plan for AY 22-23	Review on 8 point strategic plan implementation and 40-point action plan for AY 22-23 was done in the Principal Meeting

**13. Was the AQAR placed before the statutory body?** Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	21/07/2023

**14. Was the institutional data submitted to AISHE ?** Yes

- Year

## Part A

### Data of the Institution

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• Designation	Principal
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<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
<b>• if yes, whether it is uploaded in the Institutional website Web link:</b>	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/combinepdf.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/combinepdf.pdf</a>				
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<b>• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</b>			Yes		



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<b>13. Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
<b>Academic Council</b>	<b>21/07/2023</b>
<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
<b>21-22</b>	<b>14/12/2022</b>

## 15. Multidisciplinary / interdisciplinary

In order to fulfill our goal of promoting interdisciplinary collaboration, we put the following into practice:

1. We have added skill-based courses to the curriculum under autonomy. Every program has added four courses under this heading for the second and third years, focusing on skills that we believe will be necessary regardless of subject.

2. Institute-level optional electives on a wide range of interdisciplinary topics, including project management, finance management, experiment design, entrepreneurship, environmental management, etc., were introduced in the final year (a total of 18 subjects, 9 per semester were offered in the final year)

3. Students are made aware of the latest technological trends in order to inspire them to go beyond the curriculum and keep up with new developments.

4. Through cross-platform projects, workshops, seminars, and other events, students are exposed to a diverse technology atmosphere that encourages lifelong learning. For final-year students, interdepartmental projects are permitted.

5. Teams that are not departmental but rather cross-disciplinary are welcome and encouraged. The pursuit of need-based, multidisciplinary, and industry-defined projects is encouraged for students.

6. The institute has a number of professional body chapters, student organizations, and cells that plan events all semester long to provide students a chance to interact and develop their teamwork abilities.

7. The organization provides funding for student-initiated multidisciplinary projects based on need. For contests, they also create interdepartmental groupings. One well-known example of this is the Smart India Hackathon team, which is made up of students from many disciplines and years.

8. The institute's faculty members actively participate in transdisciplinary initiatives. A few faculty members work with the K. J. Somaiya Hospital, GBL (Godavari Bio Refineries Ltd.), and the K. J. Somaiya Institute of Applied Agricultural Research (KIAAR) on research projects.

9. We have a first-rate humanities department, and as part of the curriculum, students learn presenting techniques and technical writing, two abilities that are extremely valuable.

All of these steps guarantee that our Institute's graduates can satisfy our Program Outcomes 9 and 11, which specify that recent graduates must be able to manage projects and operate well in interdisciplinary scenarios.

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

For A .Y21-22, we had sent the students' ABC registration data in three lots to the University of Mumbai in the prescribed format which did not mention year wise segregation of the students.

Lot 1: 431 students (03 February 2023)

Lot 2: 416 students (13 April 2023)

Lot 3: 407 students (25 April 2023)

For AY 21-22 LY students are passed out and are not associated with the college; and the current FY students' registration process is currently goin on

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

##### **a) Vocational Education:**

1. The students of the institute are enrolled in internshala and other schemes by AICTE. Internships are provided for students of all the years of study. The industry institute interaction cell has signed several MOUs with companies that offer internships to students.

2. The institute has taken a new initiative of setting-up IBM Innovation Centre for Education (ICE) to offer IBM technology courses for KJSIEIT students.

3. The institute has a tie-up with Campus Credentials, specialising in Campus Recruitment Training (CRT) for organisation of Finishing School. Aptitude Building Personal

Interview Skills, training is imparted for around 100 Hours and students are provided online practice tests to get them better practice. The institute has established the Institution's Innovation Council (IIC) in the campus, (KJSIEIT - IIC) under the guidelines of Ministry of Educations MIC to promote innovation and entrepreneurship at Institute level from September 2018. Our IIC was awarded as: One of the Top 25 IICs in the nation in 18-19 and 19-20 32 Faculty / Staff / Students from KJSIEIT have been selected as Innovation Ambassadors for A.Y. 2020-21 by MIC.

4. The institute has also started implementation of National Innovation and Start-up Policy (NISIP) recently.

5. Institute has established Career Opportunities for Engineering Students in Public Sector (COEPS) Cell to motivate and create awareness regarding employment opportunities available in the public sector especially for the engineering students

6. The institute has an incubation centre - a branch of Research Innovation Incubation Design Labs (Riidl) that incubates students aspiring to be entrepreneurs. The Entrepreneurship cell (E-Cell) and Institution's Innovation Council (IIC) also conducts several activities to promote start-up culture. Students are mentored by alumni entrepreneurs, industry experts, etc. for innovative ideas and establishment of start-ups.

#### 1. Vocational education in mainstream

1. The Rev. 2016 syllabus has mini-projects as a part of lab for few courses to groom students in usage of modern tools, team work skills and project management, and presentation and communication skills .

2. Since 2016, institute level optional subjects are offered in areas of project management, finance, IPR etc(a total of 18 subjects 9 per semester are offered to final year students.

3. Under autonomy we offer credits to NPTEL certification. A T&P hour is utilized for conducting practice test series for second and third year students, expert Sessions on state-of-the-art technology for students of all the years of study by industry experts and alumni. We also have membership of spoken tutorial and Coursera

4. We frequently organise and participate in Hackathons

5. We organise a yearly International Conference Advances in Science and Technology- ICAST in collaboration with IEEE.

**Value Based Education:**

1. The Institute has Language Lab Software accessible to students for enhancing their communication skills. The Humanities department have developed the Basic Communication skills syllabus to mould the public speaking, and technical language skills of the students.

2. The institute has several student clubs, cells, and professional body chapters that organize several activities throughout the semester and provide students an opportunity to collaborate and learn team working skills.

3. We have NSS and other extension activities to provide value based interactions. Under autonomy from 20-21, we are providing credits for activity based/ learning(extension activities)

4. We offer electives on environment, management, energy audit, cyber security and laws etc.

**Best Practice-Industry Interaction and training:**

**Co-curricular Need-based Project Developments:** The institute emphasizes on Project-based Learning as projects are the best approach of learning. Students are encouraged to take up need based projects and develop solutions that contribute to society. We have industry collaborative projects and compulsory internships as part of our curriculum. Regular lectures by speakers and alumni from industry are organised and industrial visits are held. Alumni members are mentors for major projects of students helping them to attain industry compliance.

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

We celebrate Marathi Vangmaya Diwas every year on February 27th. A program is dedicated to Marathi literary activities and stalwarts in Marathi arts and culture field are invited to the Institute on this day.

On February 21st we celebrated Mathrubhasha Diwas. Students and faculty members from different states or following different cultures participated in this and read out poems/stories/or

talked about something related to their language and culture. It was a very informative and joyful event which created a sense of belonging to people from other states. Teaching in native languages will be implemented after specific guidelines are received for the same from University of Mumbai/AICTE

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

As an engineering institution, we provide instruction focused on outcomes. We make an effort to coordinate our cocurricular and instructional programs so that students can obtain the 12 graduation qualities listed by the National Board of Accreditation. There are twelve distinct program outcomes. The following is a list of actions made to outline the results:

1. Each curriculum has specific goals that align exactly with the characteristics of NBA graduates. Education objectives are also created for each program. For every topic, including lab work, we create course outcomes that guarantee the achievement of these goals. Every faculty member devises evaluation strategies during class planning that are specific to achieving the goals. We may measure attainment against each outcome following assessment, which allows us to confirm that program outcomes have been met. Co-curricular and extracurricular activities help to develop the "soft" POs, such as communication and teamwork abilities. To make this possible, we map every activity we do to specific results.

2. The Program assessment committee and the Department quality cell verify the accuracy of the results and the correspondence between the questions and the answers. The Bloom's taxonomy is strictly adhered to for determining evaluations. Eighty percent of attainment is measured directly, while twenty percent is measured indirectly.

3. We make sure that information is disseminated. At parent-alumni meetings and other events, parents and alumni are appreciative of the same. Visitors are provided departmental pamphlets that also include these learning outcomes. Every semester, all departments examine POs and COs using both direct and indirect methods of evaluation.

4. During the annual induction, the relevant HOD informs the students about PO and PSO. Students are required to include a mapping of CO and PO in their journals and projects.

5. The Internal Quality Assurance Cell (IQAC) at the institute level oversee the teaching and learning process.

6. Major actions performed include a monthly report on syllabus completion, tracking of attendance, departmental meetings and discussions on academic assessment and evaluation, feedback analysis, an efficient mentor system, and academic audits (internal and external).

7. The Institute always prioritizes an efficient teaching and learning process in order to guarantee the achievement of learning outcomes.

8. The department keeps a tab on the CO and PO levels and takes corrective action if any gaps are found.

9. Upon finalizing the calculation of overall achievement, DQC will determine the necessary activities to close any gaps.

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

Not yet implemented. We will be implementing once guidelines are received for the same from University of Mumbai/AICTE However, some faculty members have their own YouTube channel for teaching, some have websites. Virtual lab is developed for Physics. A few other virtual lab development is in progress. Animations and computer aided learning tools are developed for subjects like datastructures etc.

**Extended Profile**

**1.Programme**

1.1 15

Number of programmes offered during the year:

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

**2.Student**

2.1 1571

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 373

Number of outgoing / final year students during the year:

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

2.3 1556

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

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

### 3.Academic

3.1 406

Number of courses in all programmes during the year:

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

3.2 95

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>15</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>1571</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>373</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>1556</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>406</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2	<b>95</b>

Number of full-time teachers during the year:		
<b>File Description</b>	<b>Documents</b>	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	<b>95</b>	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	<b>0</b>	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	<b>19</b>	
Total number of Classrooms and Seminar halls		
4.3	<b>768</b>	
Total number of computers on campus for academic purposes		
4.4	<b>572.78</b>	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

**KJSIT's autonomy curriculum framework offers advanced courses and lab sessions in emerging technology areas, aligning with AICTE's recommendations. The curriculum emphasizes outcome-based education, project-based learning, and foreign language learning. The B.Tech. with Honors program introduces six AICTE-recognized technology fields: Internet of Things, Artificial Intelligence & Machine Learning, Cyber Security, and Virtual and Augmented, Data Science, and Blockchain. These programs offer additional credits, and specialization in the chosen domain. The**

Honors degree caters to the multi-disciplinary skills required today. Students are encouraged to address environmental and sustainability issues of regional, national, and international significance through activity-based learning courses. Skill and Technology-based courses are integrated to enhance technical and entrepreneurial competencies.

The curricula that boost a well-balanced design of course. Additionally, co-curricular and extra-curricular activities are strategically aligned to foster the holistic development of students.

Thus, the curricula of KJSIT justify its autonomy status. Thus, the curriculum also shows the seeds towards the vision of the institute to be universally accepted as a synonym for quality, excellence, and commitment in the field of engineering.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/AQAR+22-23/Criteria+1/PO%2C+PSO%2C+CO+2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/AQAR+22-23/Criteria+1/PO%2C+PSO%2C+CO+2022-23.pdf</a>

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

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

406

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

**33**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

**167**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

**KJSIT introduces an induction training program for new students,**

focusing on Universal Human Values to enhance language proficiency and foundational knowledge for technical studies. Faculties from the institute have completed their certification for the Universal Human Values initiative of the Ministry of Education, AICTE.

Courses like Presentation Communication Skills, Business Communication, and Ethics enhance Professional Ethics and values through real-life case studies, debates, and presentation activities.

The curriculum under autonomy is rich with skill, activity, and technology-based courses. These courses have given freedom to the learners to choose a domain of their choice which reflects technology advancement in societal needs. Students analyze complex issues, develop ethics, and engage in lifelong learning. The learners thus display skills like communication, good and active listening, presentation skills, and written abilities. Students learn to work as a team demonstrating the roles of a team member as well as a team leader. They learn teamwork, respect gender equity, and work collaboratively.

The curriculum includes courses like Environmental Management, aimed at understanding and identifying environmental issues addressing the global environment. Activity-based learning aids students in identifying and describing social, environmental, economic, political, educational, agricultural, and governance issues, while courses like Project Management teach ethics in project planning, execution, and testing.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

11

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**3677**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**1704**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Consolidated+Feedback+on+Curriculum-2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Consolidated+Feedback+on+Curriculum-2022-23.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded

<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/consolidated+overall+stakeholders+feedback+-2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/consolidated+overall+stakeholders+feedback+-2022-23.pdf</a>
Any additional information	No File Uploaded

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment of Students**

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

**461**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

**55**

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File Description	Documents
Any additional information	No File Uploaded
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 students' learning levels and organises special programmes for both slow and advanced learners.

At KJSIT we have provision to support academically weak students as well as encourage bright students to excel in the chosen field of study. Policies are in place to identify different learners through mediums like feedback from subject teachers, Proctors and performance in Term Tests. Once the learner levels are identified remedial action is taken to motivate them.

**Advanced learner:** KJSIT believes in excellence and so we lay an array of opportunities to upscale the academically leaning, professional development through participation in various technical and nontechnical events, Entrepreneurships are activities where students develop their skills. Participation in national and international Hackathons, paper and poster presentations, project competitions, publishing of papers at conferences also builds confidence amongst the students. Creativity and teamwork qualities are upgraded by participation in inter collegiate technical, cultural, sports festivals. Proctors also motivate the student's participation in various activities.

**Slow learner:** Slow learners need encouragement and a confidence boosting support system, KJSIT caters to this need which can be seen in our consistent result. Remedial lectures are taken by the subject teacher to solve queries and give more practice to students in the courses where the students' performance is not up to the mark. A very well proctor system ensures that the student is counselled by the proctor and also his grievances are addressed.

<https://kjsieit.somaiya.edu.in/en/student-support-systems>

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional information	<a href="https://kjsieit.somaiya.edu.in/en/student-support-systems">https://kjsieit.somaiya.edu.in/en/student-support-systems</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
<b>14/02/2023</b>	<b>1571</b>	<b>95</b>

File Description	Documents
Upload 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:

<https://kjsieit.somaiya.edu.in/en/teaching-learning-processes>

1. The institute has been granted autonomy to create its own syllabus, which combines core courses, advanced courses, and project development..
2. The syllabus under Autonomy adopts a comprehensive approach to instill software skills, including online courses, real-time projects, internships, and industry training.
3. The highlight of the syllabus is the incorporation of SBL(Skill based Learning), TBL (Technology based Learning and ABL (Activity based Learning
4. The second and third year syllabus includes SBL, ABL, and TBL courses, enhancing graduate attributes and providing students with opportunities to study foreign and regional languages which helps them to pursue higher studies and be globally accepted.
5. KJSIT boasts of a huge library with books, journals updated every year. The institute also has subscription of

digital library, membership with IIT Bombay, DELNET, IETE Life membership. We use licenced plagiarism check tool-Turnitin.

6. We take pride in organising IEEE-ICAST international conference every year and students are encouraged to publish their work.
7. The institute has well equipped laboratories, seminar hall, auditorium and excellent facilities like high BW Internet, Wi-Fi enabled campus. Students develop many in house products under guidance of faculty which are used by the institute. Students are issued appreciation letters for the same.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	<a href="https://kjsieit.somaiya.edu.in/en/teaching-learning-processes">https://kjsieit.somaiya.edu.in/en/teaching-learning-processes</a>

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

1. At KJSIT we have the following facilities used by the faculty for effective teaching learning:

-The institute has licensed software to meet curriculum requirements.

1. Open source software are used for laboratory and projects

2. The institutes has extension subscription of E-journals and digital Library and databases

3. Faculty also use google classrooms to upload subject related notes, presentations, assignments to students. All course related guidelines are communicated to students through google classrooms and class WhatsApp groups

4. The Microsoft team is used to conduct webinars and extra lectures for students. The faculty also uses IIT Virtual lab to

perform some experiments. Students have also developed Virtual labs in courses like OS, DCOM etc.

5. Few faculty have their YouTube channels for their courses.

6. Faculty members are taking advantage of sources like National Programme on Technology Enhanced Learning (NPTEL), Courseera and MOOCs for effective teaching.

6. Institute has many ICT tools like Smart Whiteboard, Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, Scanner, PowerPoint, Moodle, lab videos, NPTEL lectures, Internet connection in all classrooms. Feedback software, CO PO mapping software, Student Information Management System (SIMS) and Event Management System (EMS) software is developed by the Institute.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://kjsieit.somaiya.edu.in/en/teaching-learning-processes">https://kjsieit.somaiya.edu.in/en/teaching-learning-processes</a>
Upload any additional information	No File Uploaded

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

#### 2.3.3.1 - Number of mentors

95

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

Well planned academic calendar enables smooth implementation of academics, and co-curricular and extra-curricular events as per schedule. Every academic year starts with the defined academic calendar covering academic schedule, examination schedule, preparatory leave and continuous assessment, evaluation and up

gradation for student, faculty and staff. Department academic calendar is also prepared well in advance before the commencement of the semester based on Institute academic calendar of events. It consists of the activities planned for the semester which includes internal test, conduction of activities like organizing guest lectures, workshops, conferences, technical/cultural/sports week, Parent Teachers Meeting, project presentation, term end Submission, Open house, internships, training placement finishing school activity etc.

The academic calendar of the Institute and department is prepared well in advance to facilitate proper planning and to make the concerned faculty aware of their responsibilities for the entire semester. The students are made aware of the timetable, academic calendar by updating the same on the Institute website and notice board a few days before the start of the semester.

The subject teacher prepares the teaching plan for the course as per the academic calendar. The teaching plan is checked by internal and external auditors in the academic audit.

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

95

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

24

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

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

11.3

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**2.5 - Evaluation Process and Reforms**

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

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

456

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

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

Continuous improvement in teaching, research, student development, faculty development, placement, higher studies, start-ups, and innovations is measured and evaluated using Bloom's taxonomy, rubrics, and internal and external academic audits. Continuous improvements are evaluated through BoS, PAC, DQC committees. Internal Academic Monitoring and External Academic Audit is conducted.

The Continuous Assessment consists of the following:

**TEST 1 and TEST 2:** Two Term Tests are conducted for 30 marks each for Core subjects and for 20 Marks for Fundamental/Basic subjects as per curriculum and average of both tests is considered for result preparation.

**INTERNAL ASSESSMENT:** Includes MCQ Tests, Assignments, Quizzes, Presentations, Seminars, etc. and Internal Assessment is of total 10 marks for all Theory Courses.

**SAT (SKILL-BASED, ACTIVITY-BASED, TECHNOLOGY-BASED) COURSES:** SAT courses have Term Work of total 25 marks each as mentioned in the syllabus and examination scheme.

**PBL (PROJECT BASED LEARNING) COURSES-** PBL mini, minor and major courses have an Internal Assessment of 10 Marks each.

**End Semester Examination:** College Theory examination comprising 60 Marks for Core Courses and 45 Marks for Fundamental /Basic Courses is of 3 and 2 hours duration respectively. The weighting is: CA- 40 % and ESE- 60 %.

Software is used for result preparation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://kjsieit.somaiya.edu.in/en/examination-overview">https://kjsieit.somaiya.edu.in/en/examination-overview</a>

## 2.6 - Student Performance and Learning Outcomes

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

The National Board of Accreditation sets the Program Outcomes of Engineering Education followed by each department. Program educational objectives are defined meeting the mission statements. At the end of every semester, faculty evaluates their course outcomes by considering direct and indirect forms of assessments. Every department maintains a program articulation matrix also to verify the mapping of course outcomes to program outcomes.

Program outcomes and Program Education Objectives are displayed in laboratory, HOD Cabins, and printed in student laboratory journals, institute websites etc. Parents and alumni are apprised of the same in parents meet, alumni meet etc. At the end of every semester, all the departments evaluate POs and COs by considering direct and indirect forms of assessment. The CO statements are defined by considering the course content covered in each module of a course. The keywords used to define COs are based on Bloom's Taxonomy, by considering direct and indirect forms of assessment. Every year during induction respective HOD makes the students aware of PO and PSO (Program Specific Outcomes), students have to attach mapping of CO and PO in their journals and projects. CO PO mapping software is developed by students; it gives attainment levels and accordingly gives suggestions of improvement.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/AQAR+22-23/Criteria+1/PO%2C+PSO%2C+CO+2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/AQAR+22-23/Criteria+1/PO%2C+PSO%2C+CO+2022-23.pdf</a>

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

The program and course attainments are used as both direct and indirect measures to measure and evaluate the continuous improvement of teaching and learning processes, research and development activities, student development through extracurricular and co-curricular activities, faculty development, placement, higher studies, start-ups, and innovations. Most people utilize Bloom's taxonomy, and evaluation purposes are specified in rubrics. Committees and efforts that follow are used to assess ongoing progress.

**Board of Studies (BoS):** Reviews the academic report of the department and advocates ways to bridge the gap in outcome attainment.

**Programme Assessment Committee (PAC):** The system regularly monitors teaching learning activities, assesses the program's effectiveness, and suggests necessary adjustments. Assess the attainment of PEO's and PO's of the department and prepare the gap analysis report. Analysis and mapping of CO-PO conducted by PAC and according to activities planned by DQC

**Departmental Quality Cell (DQC):** The DQC is to build up a mechanism for alert, constant and catalytic action for significant and proactive contribution to improve the academic and administrative performance of the department. Identify and plan activities which contribute to attainment of programme outcomes, like guest lectures, STTP, FDP, workshops etc. The department monitors the achievement of CO and PO, taking remedial steps if gaps are observed.

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

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

373

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf</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://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/IOAC+22-23/Student+Satisfaction+Survey+\(SSS\)+2022-23.pdf](https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/IOAC+22-23/Student+Satisfaction+Survey+(SSS)+2022-23.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

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

The Institute Committee on Research Development and Consultancy is formed which comprises of senior faculty of the institute. This committee periodically reviews the policies of institutional support for faculty research, development, consultancy and sabbatical leaves and encourages and assist

faculty in securing outside funding for research, consultancy and development activities. The Research Development and Consultancy (RDC) performs different functions related to above objectives such as identifying the sources of grants, consultancies and conference publications over the year and update the faculty regarding the same. After receiving the proposals from the faculty member or students it is verified, proposals are validated and the support needed by the faculty and students for research, development and consultancy is provided. Proposals are called from all departments every year for sanctioning research project funds for student's projects. Based on the scrutiny of RDC committees followed by decision taken in HOD meeting 1 or 2 best proposals per department are approved for sanction from department R&D funds. To motivate good publications, the registration amount is reimbursed by the department from the R&D funds.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/KJSIEIT+Research+policies.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/KJSIEIT+Research+policies.pdf</a>
Any additional information	<b>No File Uploaded</b>

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

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

**3.23089**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

0

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

**3.2 - Resource Mobilization for Research**

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

19,96,108

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.2.2 - Number of teachers having research projects during the year**

4

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

### 3.2.3 - Number of teachers recognised as research guides

07

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

02

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://kjsieit.somaiya.edu.in/en/project-listing/">https://kjsieit.somaiya.edu.in/en/project-listing/</a>
Any additional information	<a href="#">View File</a>

## 3.3 - Innovation Ecosystem

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

- **RIIDL (Research Innovation Incubation Design Labs) provides various services to the incubated start-ups. Some of the services are limited to incubation period whereas some extends up till start-ups gets series- A funding.**

These services help start-ups to grow and felicitate their need during their early growth stage.

- Industry Institute Interaction Cell (IIIC) established at the institute is a dedicated cell to encourage a close interaction of industry and various departments of the institute. MOUs are done with various industries for internships. Also various projects in collaboration with government organizations are initiated. This will have great impact on the engineering curriculum, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the country.
- New Leap Initiative is the Research & Development team of the institute. The team aims to promote space tech and Product Development skills among students. Through this initiative projects from various Government and Non-Government organizations like ISRO, SIRAC etc. Care taken up and handed over to the organization after completion for real time implementation. From last 5 years major project on weather sensing is going on through this initiative.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="#">Nil</a>

**3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year**

22

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4 - Research Publications and Awards**

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through**

A. All of the above

**the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Number of PhD students registered during the year**

**06**

File Description	Documents
URL to the research page on HEI website	<a href="https://kjsieit.somaiya.edu.in/en/project-listing/">https://kjsieit.somaiya.edu.in/en/project-listing/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**98**

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

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

18

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

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

**3.4.5.1 - Total number of Citations in Scopus during the year**

65

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

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

**3.4.6.1 - h-index of Scopus during the year**

65

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.5 - Consultancy**

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

13,64,108

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>

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

**19,96,108**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

### 3.6 - Extension Activities

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

- **The goal is to inspire rural communities to achieve sustainable development, empowering marginalized groups, and establishing participatory, sustainable, and inclusive models. This includes fostering a culture of cooperative living, establishing partnerships with agencies, and documenting new development models for training and research. The goal is to empower vulnerable groups, build partnerships, and identify researchable areas for problem-solving.**

**Expected Outcome:**

- Availability and accessibility of basic amenities and services and achieving Sustainable Development Goals.
- To generate awareness on gender issues and social issues like literacy, health & hygiene, sanitation, safe drinking water, livelihood options etc.
- Creation of sustainable livelihood opportunities
- Access to rights and entitlements

Make the adopted village a "knowledge hub" that can attract resources for the development of other villages in its vicinity.

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

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

2

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

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

96

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

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

1500

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

**3.7 - Collaboration**

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

48

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

21

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<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 equipments, etc.

**At KJSIT, the physical infrastructure consists of well-equipped classrooms designed for regular chalk and duster teaching as**

well as ICT-enabled teaching. Laboratories are furnished with the latest equipment, and the library has a record of recent books, journals, and access to e-learning/ digital resources. The Institute also has a well-furnished and air-conditioned auditorium with a seating capacity of 400. It is utilized to conduct guest lectures, seminars/conferences and symposia.

The Institute has an adequate number of classrooms, hence only minimal sharing between departments is required. Each year budgetary provisions are made for the renovation of existing facilities to guarantee that the available infrastructure of the Institute is in line with its academic growth. The HOD proposes the necessary additions or renovations of their respective departments after discussing with the faculty. The finance committee approves the requirements and budget allocations are made likewise

Institute strategy regarding infrastructure is driven by perceptions of the future pre-requisites of students, teachers, and administrative staff. As of now, the focal point of the Institute is to create a physical infrastructure that is contemporary and simultaneously, meets the standards set by the regulating authorities like AICTE and University of Mumbai.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kjsieit.somaiya.edu.in/en/infrast ructure">https://kjsieit.somaiya.edu.in/en/infrast ructure</a>

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

The Institute has a well-furnished and A.C.auditorium, which facilitates the conduction of technical, cultural, and Robo festival. Additionally, the campus open area is used for conduction of all events.

A sports complex aided with table tennis, AstroTurf football, skating, cycling track, chess, carom, football and cricket stadium with flood lights, enables the conduct of annual sports festival and other sporting events. There is an open gymnasium, which helps with the advancement of physical fitness. The Infrastructural support is instrumental in cultivating

creativity, innovation and capabilities for self-directed lifelong learning in students.

Apart from campus sports facilities, students can also avail the facilities under Somaiya Sports Academy, which is an integral part of the Somaiya Vidyavihar University located at Vidyavihar campus, and has international standard infrastructure for sports like athletics (all disciplines), Lawn Tennis, Basketball, Badminton, Squash, and many more. Students of the campus have access to all the facilities, and also have exposure to coaching in various sports. Somaiya Sports Academy caters to individuals who aspire to compete at an advance level, and provides world class coaching for the same with internationally certified coaches in all sports.

Sports ground sizes are as per standards recommended by Sports Authority of India.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sportsacademy.somaiya.edu/">https://sportsacademy.somaiya.edu/</a>

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

19

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

224.93

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Book Worm software tailor-made for library use has been created by the Data Centre. Students and staff may make online book reservations and renewals using the OPAC system. Online book reservations and renewals are possible. Automation of issuing procedures has been made possible with Bookworm Software and RFID identity cards.

To access OPAC portal, one need to login with their SVVNetID login credentials

- OPAC Search :Members can search books, catalogs and ebooks across all libraries and check the availability.
- Self-Renewal :Members can renew books themselves through OPAC portal, provided the book is not in demand/reserved and should be renewed before the due date. Libraries can have a cap on the number of self-renewals.
- Book Reservation :Members can only reserve the book in case the desired book is not available in the library.
- Once the reserved book is back into the library, the system will send notification through an email to the reserved member.
- FIFO system is followed for reserved books circulation.
- System will also notify through email, the borrowed members to return the book before the due date.

The link to access OPAC Portal :<https://opac.somaiya.edu>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kjsieit.somaiya.edu.in/en/about-library">https://kjsieit.somaiya.edu.in/en/about-library</a>

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

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

**8.40**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<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 - Usage of library by teachers and students (footfalls and login data for online access)**

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

**25**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

For all institutions under the Somaiya Trust, the Somaiya Vidyavihar IT department maintains a data center on the campus. A group of committed IT specialists at the center have created software for the Institute. In addition, college faculty members have given the Institute need-based software solutions.

Through the use of a biometric staff attendance system, HR software, the Student Information Management System (SIMS), Feedback system, Faculty Profile Management System, CO-PO attainment software, Placement Information Management system, RFID in the library, and Stakeholders Feedback Analysis Portal, the entire campus is IT enabled. Canteen with Wi-Fi access, library, hallways with 150 Mbps Internet speed, group texting capability, Microsoft Teams as Learning Management System, system of public address, etc. are also available at the campus.

The personnel management, organization, and administration use the MyAccount website that the Somaiya Vidyavihar IT department built. Through this site, staff and students may read information on admissions, the library, hostel, etc. Students can also apply for the train concession online.

The college uses a biometric attendance system to track daily arrivals and departures. Oracle NetSuite is used for fees and salary administration. SIMS generates students attendance record. Event Management System is used to plan seminars and other events.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kjsieit.somaiya.edu/en/handbook">https://kjsieit.somaiya.edu/en/handbook</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1571	768

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

<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	<b>A. 750 Mbps</b>
---	--------------------

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

<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	<b>C. Any two of the above</b>
--	--------------------------------

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional information	<a href="https://www.youtube.com/KJSIEITofficial">https://www.youtube.com/KJSIEITofficial</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

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

**486.78**

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

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

etc.

The procedures and policies for maintaining and utilizing physical, academic and support facilities are available in Institute Policy Hand Book

<https://kjsieit.somaiya.edu/en/handbook>

The various policies related to physical and support facilities are mentioned below. Details are found in the above mentioned link.

#### I. Administrative Hand Book

- About Institute
- Programs and Departments
- Administrative Policies

#### II. Academic & Quality Policy

- Academic Process
- Examination Policy
- Infrastructure Policy
- Library : Knowledge Resource Hub Policies
- Training and Placement Policy
- Quality Management System including Accreditation Policies

#### III. H R & IT Policy

- HR Policies
- IT Policy

#### IV. Student & Alumni Policy

- Student welfare policies

**PHYSICAL INFRASTRUCTURE:** The institute has a system in place for maintaining the entire necessary infrastructure. When assigning an order to an outside agency, we adhere to the trust's guidelines, which include requesting quotes, preparing purchase orders, negotiating, and preparing invoices, among other things. Contracts for annual maintenance are renewed annually.

**LIBRARY FACILITIES:** According to the Institute Library Issue Policy, faculty members and non-teaching staff may check out six books for a period of four months. 6 books for students throughout a 15-day period. All students' college book bank: 06

for a semester. Book Bank for Social Welfare (exclusive to SC/ST students) 06 in a semester.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://kjsieit.somaiya.edu/en/handbook">https://kjsieit.somaiya.edu/en/handbook</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

626

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

13

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

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

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://kjsit.somaiya.edu.in/en/co-curricular-activities">https://kjsit.somaiya.edu.in/en/co-curricular-activities</a> , <a href="https://kjsit.somaiya.edu.in/en/extracurricular-activities">https://kjsit.somaiya.edu.in/en/extracurricular-activities</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

6905\* \*Many students have attended the multiple programs, so the total number is big.

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

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

**268**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

**68**

File Description	Documents
Upload supporting data for students/alumni	<b>No File Uploaded</b>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

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

**77**

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.3 - Student Participation and Activities

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

2

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

The institute is powered by a strong students' council which acts as a support pillar in organizing various cultural, technical and sports festivals throughout the year. The student council is selected by the Dean students' welfare, Technical, Cultural and Sports coordinators in a structured way of selection. Applications are called for various positions in the council and personal interviews are held to assess the skills and qualities of the potential council office bearers. The Council is then approved by the Principal and Vice Principal in consultation with the selection committee. A fair representation of students from all the branches of study and girls' participation is ensured during formation of the council, professional bodies, cells and clubs. The students Council plans, organizes and monitors all the technical, cultural and sports activities according to the Academic calendar.

The chosen talented students are elected as the members of various administrative committees to contribute in the development of the infrastructure, labs and any other academic, cocurricular and extra-curricular events. The views and

suggestions of the student representatives is well accepted, assessed and implemented where ever applicable.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sc.kjsieit.in/Home/index.html">https://sc.kjsieit.in/Home/index.html</a>

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

77

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.4 - Alumni Engagement

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

KJSIT has a huge alumnus base managed by the alumni coordinators from all the departments. Alumni committee organizes the Alumni meet to strengthen the interactions and relationship with alumni. Alumni extends unconditional support in all the endeavours of the institute to groom the students to be industry ready. The alumni are called to deliver expert lectures in technical field, Entrepreneurship, Innovation, personality and career development. Alumni is involved in providing internships, projects and project guidance to all the students in different fields. Some of our alumni are active bureaucrats, stage and cinema actors, associate directors of short films contribute in hosting cultural programmes and introducing famous personalities to the institute as guests and judges in various activities.

Our Alumni, who are successful entrepreneurs and at higher levels of management, support us in placement activities by hiring students. The number of activities conducted by the alumni students is 38 for the year 2022-23 and the number of students placed is-13.

Alumni is in contact with the faculty and fellow students through LinkedIn, Face book and many other social media which helps the aspiring postgraduates to get guidance in higher studies, finding accommodations, part time jobs and internships abroad.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://kjsit.somaiya.edu.in/en/alumni_overview">https://kjsit.somaiya.edu.in/en/alumni_overview</a>

**5.4.2 - Alumni's financial contribution during the year**

A. ? 15 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

Our institute is dedicated to carrying out its vision and mission and making progress in that regard. The Institute chooses and plans events that are designed to develop teamwork, leadership, and values. In order to attain this, involvement from all is necessary. The institution head receives submissions from faculty members and department heads during the strategic plan formulation process. This guarantees that all individuals have a voice in the institute's future ambitions. Senior faculty members are tasked with leading various sections as heads or coordinators and taking part in decision-making, while faculty members are given the chance to lead teams in carrying out various responsibilities.

We go above and beyond to make sure that our students receive enough training, industry-institute contact opportunities, and other resources to help them develop into competent and self-assured engineers. Furthermore, we understand that in keeping with Somaiya's legacy, which emphasizes ethics as the cornerstone of our lives and a component of everything we do.

Our strategic plans focuses on:

1. Creating a trained manpower of faculty and students.
2. Applying learned knowledge for developing small systems for testing purpose.
3. Applying IT for a. Healthcare b. Agriculture and c. Rural and Outreach Education
4. Train "AI to Children".
5. Learning and Earning through research.
6. Establishing one on one "Centre of Excellence in AI, ML, Data Sciences, IoT , Cyber Security".
7. Creating Collaborative Research Platforms, consultancies and sources for earning through learning and research.
8. Establishing an international centre for exchange of knowledge and information.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://kjsieit.somaiya.edu.in/en/vision-mission">https://kjsieit.somaiya.edu.in/en/vision-mission</a>

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

The institute is committed to advancing clear coordination, interdependencies, and a culture of decentralized governance. Each department is granted sufficient authority to implement the teaching and learning process. Class teachers support the Head of Department (HOD), who is the main decision-maker. All interested parties provide input before decisions are made and the practice is put into effect.

? Faculty members have the opportunity to lead teams on various committees, make operational decisions, and manage departmental events and programs.

? Student chapters and the student council are permitted to organize and run different kinds of events.

? Non-teaching faculty actively participate in events and sometimes lead in planning, fostering a culture of involvement and decision-making skills.

**Case study:**

The Principal initially decided project seed money, but now HODs approve and sanction reimbursement for faculty members in workshops, courses, and conferences. Faculty receive annual Department budget allocations for student projects, with Heads of Departments (HODs) having the authority to sanction funds. A fund is allocated to each Department for the project development. The Institute extends sanction beyond the allocated funds to each department as needed. The Departmental Quality Control (DQC) recommends projects for sponsorship, which are approved by the Research and Development (R&D) committee

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg_+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg_+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf</a>

**6.2 - Strategy Development and Deployment**

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

In arranging our institution in the direction of our vision, we follow the Plan-Do-Check-Act quality assurance practices. Effective preparation is essential for this. To ensure that everyone has a voice in the institute's future objectives, we create a strategic plan and ask for input from all faculty members. Departmental-level plans are presented prior to the institute-level plan. The institute reviews departments on an annual basis. At our institute, we create an eight-point strategy growth plan. During the Governing Body meeting, the institute's strategic plan is discussed, recommendations are requested, and a final plan is created.

Strategic plans for the next 5 years consist of:

1. Creating a trained manpower of faculty and students.
2. Applying learned knowledge for developing small systems for testing purpose.
3. Applying IT for a. Healthcare b. Agriculture and c. Rural and Outreach Education
4. Train "AI to Children".
5. Learning and Earning through research.
6. Establishing one on one "Centre of Excellence in AI, ML, Data Sciences, IoT , Cyber Security".
7. Creating Collaborative Research Platforms, consultancies and sources for earningthrough learning and research.
8. Establishing an international centre for exchange of knowledge and information.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg_+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg_+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf</a>
Upload any additional information	No File Uploaded

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

Governing Body is the most important committee under the trust and eminent academicians from India and abroad, Industrialists, financial and nominees of the state government, University of Mumbai and UGC are part of it. We believe in empowering delegating responsibility. Principal and Vice Principal report to the GB, Academic Council, BOS, Finance Committee, HOD, Deans and Student section coordinators form the next level of management and conduct activities under their portfolio for the smooth working of the institution. Various committees exist in the Institute for effective administration and to meet the objectives. These committees include teaching and non-teaching staff members and students. New proposals may be put up by an individual or a committee and placed before the concerned committee who then forwards it to the next higher authority with appropriate remarks. Proposals are usually related to curricular, co-curricular activities, infrastructure requirements, modification on research related or is of a personal nature. The decision can be taken at that level itself

if the matter at hand is within its purview. All decisions are communicated to the next higher authority for information and for transferring this. Faculty take responsibility for their actions and are involved in decision-making process.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/IOAC+22-23/Organisation+chart+Dec+12+2023.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/IOAC+22-23/Organisation+chart+Dec+12+2023.pdf</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="#">Nil</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	No File Uploaded

**6.3 - Faculty Empowerment Strategies**

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

**Common welfare measures for Teaching and Non-teaching staff:**

1. Provident fund
2. Medical insurance
3. Leave travel Allowance
4. The Employee's Co-operative Credit Society Ltd. managed by the teaching and support staff, provides loan facilities short-term and long-term.
5. All statutory leaves like casual leave, earn leave,

vacation, maternity, and paternity leaves are granted.

6. On-duty leaves for officially sanctioned activities like paper moderation and for attending faculty development programs / short-term training programs, conferences, symposiums, workshops, etc.
7. There is a provision for granting sabbatical leave for upto 6 months.
8. Gratuity is provided on leaving the Institute after five years of service.

**Welfare measures for teaching staff:**

1. Sponsorship for higher education.
2. Accidental Insurance of Rs.5 lakhs.
3. Financial assistance for paper publication etc.
4. Welfare measures for teaching staff.
5. Seed money for projects, per year is allocated per department for the research.
6. Travelling Allowance is double, for physically challenged person.

**Welfare measures for non-teaching staff:**

1. Group medical insurance
2. Accidental insurance
3. Time bound promotion
4. Higher Qualification improvement increment is implemented.
5. 50% fee waived off for their ward if enrolled in Somaiya Institutions.
6. No professional tax for handicapped persons.
7. Diwali festival advance is given to support staff.
8. Travelling Allowance is double, for physically challenged person.

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

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

44

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
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 programmes organized by the Institution for its teaching and non-teaching staff during the year**

5

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

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

271

File Description	Documents
Summary of the IQAC report	<b>No File Uploaded</b>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<b>No File Uploaded</b>
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

The institute conducts two financial audits every 6 months i.e. two audits per year one internal and one external audit. Both the audits are conducted by a firm of chartered accountant

external to the Institute.

After quarterly account finalization the internal auditor will check if there is any query in bills, TDS payments, PT payment, TDS contractor payment. The account officers clear it if there is any query. For the 2nd quarter audit, the auditor verifies the bills, vouchers and statutory payment file, employee cost file, salary reconciliation and fee reconciliation, ledgers, debit, credit statements, EPF etc. After 2nd quarter the external auditor verifies the files, vouchers, statutory payment, vendor payment, GST payment etc. The same is repeated for 3rd and 4th quarter audit. If they require any changes, they contact the trust account officer, chief finance officer (CFO). As per CFO guidelines they finalize the account. The audited statements are uploaded on the Institution website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://kjsit.somaiya.edu.in/en/accounts_audited_statement">https://kjsit.somaiya.edu.in/en/accounts_audited_statement</a>

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

3

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

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

**Major sources of institutional receipts/funding are:**

1. Tuition fees and development fees from admitted students.
2. Financial support from the Somaiya trust, if required and after settlement of account and is reimbursed back to the trust.

**Additional funding is sourced through:**

1. Consultancy fund, research grants received.
2. Sponsorships received from professional chapters.
3. Loan, if needed.
4. Rent obtained by lending premises for conduction of courses or from outside agencies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/Ballance+Sheet+March+2023.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/Ballance+Sheet+March+2023.pdf</a>

**6.5 - Internal Quality Assurance System**

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

The IQAC is responsible for streamlining existing procedures and developing new ones to enhance quality at all institute levels.

**IQAC carries out the following tasks:**

? Arranges workshops and training programs on pedagogy and accreditation.

? Helps improve faculty use of ICT.

? Offers suggestions for improving the Institute in areas related to teaching-learning, co-curricular, environment, and extension activities of the Institute and parameters for appraisal of faculty and programs.

? Performs an internal review of course materials and has taken proactive steps to integrate outcome-based learning, supporting the work of the academic committee.

? Organize an international conference and INtech project

competition to provide a forum for professor and student talent to be showcased (ICAST).

Along with IQAC, the Department Quality Cell (DQC) oversees the teaching-learning process, evaluates outcomes, and determines whether assessments follow Bloom's taxonomy. It also confirms attainment. Departments receive recommendations on how to close any gaps in graduate attribute attainment.

The Board of Studies includes Academicians, Industrialists, and Alumni in the revision of the syllabus. The PhD Research Centre for Computer Engineering, IT and Electronics & Telecommunication Engineering has been established from the AY 2022-23.

We accomplish the goals of our institution by taking little, progressive steps in this direction.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/MOM/Minutes+of+IQAC+Meeting+27072022+%26+27012023.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/MOM/Minutes+of+IQAC+Meeting+27072022+%26+27012023.pdf</a>

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

- We have encouraged teachers to participate in the online workshops, NPTEL courses, and have taken institutional membership of coursera.
- We have conducted spoken tutorial courses for teachers and students.
- We have relied on virtual labs and simulation software for practical conduction.
- We have tied up with IBM to provide training on AI for faculty and students.
- New methods of teaching-learning are incorporated.
- Academic audit.
- Verification of term test papers by DQC and PAC committee members.
- Autonomy syllabus is incorporated with Skill Based Learning (SBL), Technology Based Learning (TBL), Activity Based Learning (ABL), Project Based Learning (PBL) courses.
- SBL consists of Soft skills and Technical skills, TBL is

based on online

- certification courses, ABL focuses on solving societal problems through field visits, surveys etc. PBL includes development of mini/minor/major projects in the fields of agriculture, healthcare, societal needs, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://kjsit.somaiya.edu.in/en/teaching-learning-processes">https://kjsit.somaiya.edu.in/en/teaching-learning-processes</a>

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf</a>
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

The NSS, Student Council, and the institute's IQAC cell run initiatives that promote gender equity and awareness.

- The NSS unit organized a webinar on Gender Equality on 15th July, 2022 for all students and faculty, titled "Embracing Gender Diversity". The Resource Person for the event was Dr. Vrushali Deole, Assistant Professor from BSH department of KJSIT.
- The Women Development Cell (WDC) and Vishakha committee have organised a seminar on "Elimination of Violence against Women" on 17th December, 2022. Dr. Pratibha Naitthani, HoD of Political Science Dept. at St. Xavier's college, a social activist, was the resource speaker for the event.
- Boy's and girl's common rooms are distinct, cozy, and well-ventilated.
- Competitions like KAWACH and Hackathon are encouraged which need at least 1 out of 6 participants to be a female student thereby.
- Girls and boys are given equal opportunities to head the committees/cells established in the student council such as the student council, NSS etc.
- Proctors and class teachers are always available to discuss student issues.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/Admission/Admission+Brochure/8.+KJSIT+Annual+Report+AY++2022-2023+(2).pdf</a>

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

- A licensed organization collects and recycles e-waste under the direction of the office superintendent. E-incarnation Recycling Pvt. Ltd., an MPCB registered firm, recycles e-waste. E-waste was collected by that company on June 6th, 2023, from our institute.
- When possible, the college uses paperless submissions. We have developed software that makes e-governance easy, without paper. These softwares developed by the institute.
- No Biomedical waste is created in the institute. In chemistry labs, waste chemicals are mild and water soluble.
- On 9th July 2022, NSS organised an event for Spreading awareness about Waste Management and Waste Segregation to encourage activities of waste collection and disposal.
- Boards are displayed to discourage the use of plastic in campus.
- Canteen facility uses paper cups and paper plates for food serving.
- Stainless steel water bottles are used in offices.
- The NSS unit of KJSIT organized an event Creative Workshop with Orphan Kids at the orphanage which is run by Khushiyaan Foundation on 24th November 2022. The event was organized by the volunteers of KJSIT to spread awareness among kids to create something useful from things which seem like waste and the importance of reducing waste.

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

<p><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></p>	<p><b>C. Any 2 of the above</b></p>
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File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<b>No File Uploaded</b>
Any other relevant documents	<a href="#">View File</a>

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<b>No File Uploaded</b>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<b>No File Uploaded</b>
Details of the software procured for providing assistance	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>

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

- **Surge-23, a cultural festival, Score-23, a sporting**

competition, and numerous more activities that foster teamwork and national unity saw strong participation from students.

- The institute's NSS team informed students and staff via email of the significance of various days and holidays such as Gurunanak Jayanti, Lohri, Mahavir Jayanti, and the World Day for Cultural Diversity.
- The Students' Council of K. J. Somaiya Institute of Technology (KJSIT) organized a series of events for INTER SCORE'23. Events like Badminton, Chess, Box Cricket, Football, Table Tennis, Volleyball, Rink Football and Carrom were organized on 15th and 16th March 2023 which give participants a break from their day-to-day activities.
- The Students' Council has organized a series of events for SURGE'23 on 17th and 18th March. This activity promoting harmony by fostering cultural understanding, inclusivity, empathy, and a sense of unity among students
- NSS unit hosted a webinar on "Mental Health and Meditation" for professors and staff on January 12th, 2023, during which Speaker Mrs. Simran Walecha promoted mental health positivity and wellness. Students gained knowledge about the importance of adopting a healthy lifestyle.
- Under the banner of Nakshtra- Marathi Bhasha & Vangmay Mandal of KJSIT, organised a special online programme to celebrate "Matrihasha Diwas" (Mother Language day) on 21.02.2023.

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>

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

1. On January 12th, 2023, the NSS unit organized a "Value Based Leadership Program" featuring Dr. Priya Vaidya, promoting Swami Vivekanand's principles for peaceful and successful life.

2. " Best out of waste" program was conducted on July 31st 2022, at Kandivali, Bhumi foundation which makes awareness about best things created out of waste and how to reduce waste.
3. On August 6th, 2022, a "Hiroshima Day Peace Rally" was held in Azad Maidan, promoting awareness about the Hiroshima incident and peaceful departure.
4. "Old Age Home Donation Drive" was conducted on 24th November, 2022 at Thane. This activity symbolizes the need of each age group & a sense of responsibility towards society.
5. The NSS unit of KJSIT along with K J Somaiya Hospital Blood Bank organized an event "Blood donation camp" on 15th Feb, 2023. The event was organized by the volunteers of KJSIT to spread awareness regarding voluntary blood donation.
6. On 27th September 2022, NSS KJSIT volunteers attended the "Rashtra Prem Utsav" event to learn about the importance of Independence and the thoughts of Swami Vivekananda and Shaheed Bhagat Singh..
7. On 26th Sept. to 30th Sep.2022, faculties have completed FDP on " Inculcating Universal Human Values in Technical Education " which was organised by AICTE.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to**

**C. Any 2 of the above**

**monitor adherence to the Code of Conduct  
Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

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 programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

- NSS unit of KJSIT celebrated International Yoga Day on June 21st 2022,
- The Students' Council of KJSIT organized an interactive online event "Taboo Tree" on 23rd July, on the occasion of Environment Day.
- The institute celebrated Republic Day on January 26th and Independence Day on August 15th each year.
- On September 5th, 2022, Teacher's Day, is celebrated to pay respects and express sincere gratitude, love and respect to our teachers and professors.
- Hiroshima Day Peace March event was conducted in Azad Maidan on August 6th 2022.
- The Students' Council organized an event for Engineer's Day on September 15th, 2022 in collaboration with NSS.
- The Student's Council of KJSIT organized an event

"Constitution Day Celebration" on 26th November 2022.

- Nakshatra-Marathi Bhasha & Vangmay Mandal, in collaboration with N.S.S. and KJSIT Students' Council, hosted a special interview with renowned Marathi poet and lyricist, Mandar Cholkar.
- The various colleges under Somaiya Ayurvihar campus organized an event to celebrate "National Sports Day" on 29th August 2022.
- International Women's Day is on 8th march 2023. In our institute, the College Women Development Cell (CWDC) & Vishakha organised a Talk on the occasion of International Women's Day i.e 13th march 2023.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

KJSIT strives to offer outcome-based education as per the industry needs. The academic objective is on "Project, Innovation & Research based learning" with dynamic reformations in the syllabus to impart entrepreneurial skills as well as dynamic trends of the job market. Below are the two best practices which offer holistic learning experience to students.

1. Need based /societal in-house project development: Need-based/Social in-house project development in colleges seeks to empower students, respond to urgent societal needs, and promote a culture of civic involvement and social responsibility. The practice includes identifying specific social needs as well as college needs, project planning and collaboration with local

communities, NGOs, or relevant stakeholders. Then prototyping, testing and documentation, done to track progress, outcomes, and lessons learned throughout the project lifecycle .

2.SAT courses :The KJSIT curriculum includes SAT courses - Skill-Based Learning (SBL), Activity-Based Learning (ABL), and Technology-Based Learning (TBL). The SAT courses are practiced across the first three years of engineering as exposure courses that focus on responsibilities towards society, problem-solving ability, ethics, communication skills, motivation for life-long learning, leadership, and teamwork.

File Description	Documents
Best practices in the Institutional website	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Best+Practices+2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Best+Practices+2022-23.pdf</a>
Any other relevant information	<a href="#">Nil</a>

### 7.3 - Institutional Distinctiveness

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

#### Skill, Activity and Technology (SAT) based Enhanced Learning:

The institution has demonstrated exceptional performance in fostering skills development, promoting diverse activities, and implementing cutting-edge technology-enhanced learning methods. With a clear focus on its priorities and thrusts, it has successfully nurtured a holistic learning environment.

In skills development, the SAT shall be practiced across the first three years of engineering, focusing on graduate attributes like ethical approach at work, responsibilities towards society, problem-solving, aptitude, and competitive programming skills etc. that are less imbibed through regular engineering courses. Regarding activities, the institution excels in providing a vibrant and engaging campus life.

Embracing the digital age, the institution has seamlessly integrated technology into its teaching and learning processes. By leveraging advanced educational tools, online platforms, and interactive multimedia resources, it ensures that students

receive a dynamic and stimulating learning experience. The use of technology also fosters collaborative learning and encourages critical thinking and problem-solving skills.

Overall, the institution's exceptional performance in skills development, diverse activities, and technology-enhanced learning showcases its commitment to providing a well-rounded education that equips students with the knowledge and expertise needed to excel in their chosen fields while nurturing their personal growth and adaptability in a rapidly evolving world.

File Description	Documents
Appropriate link in the institutional website	<a href="https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Institute+Distinctiveness+2022-23.pdf">https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/IQAC+22-23/Institute+Distinctiveness+2022-23.pdf</a>
Any other relevant information	<a href="#">View File</a>

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

1. Increase in student Intake for IT & AIDS
2. Faculty recruitment to fulfil cadre ratio
3. Improve industry connect and internships
4. Conduction of IEEE-ICAST-2023 international conference.
5. Improve the Quality of research Publications of faculty with Scopus and SCI Indexing.
6. New appointments of Professors and Associate Professors
7. Planning for Faculty Development Program