



YEARLY STATUS REPORT - 2023-2024

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.Vivek Sunnapwar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **02244444401**
- Alternate phone No. **02244444402**
- Mobile No. (Principal) **9821221952**
- Registered e-mail ID (Principal) **principal.tech@somaiya.edu**
- Address **Somaiya Ayurvihar Complex,
Eastern Express Highway, Near
Everard Nagar, Sion (East),**
- 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.Dhanashree Toradmalle**
- Phone No. **40000417**
- Mobile No: **9152515807**
- 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/AQAR22-23Approved.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/Academic+Calendar/Academic+Calendar+2022-23+Odd+%26+Even+Semester.pdf>

5.Accreditation Details

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

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
Nil	Nil	Nil	Nil	Nil

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 02

- 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)

Preparation and dissemination of NEP2020 Implementation plan as per guidelines

Establishment of KJSIT-Indian Knowledge Cell (IKS) in the campus

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

Improvement in Internships opportunities for students through collaboration with industry and various organizations.

Conduction of University approved Interviews and Implementation of Pay Scale

Conduction of various Socio-economic activities by the NSS Unit, Professional body/Cells

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 for FY in the Autonomous Syllabus	Draft for the Autonomy Scheme III Syllabus for FY is prepared
Faculty Recruitment to fulfill cadre ratio	University approved interviews were conducted in AY23-24
Coordinating with the corporate sector on ongoing projects	Projects from the industry are given to students
Working together with industries to create internship opportunities	Students are employed by industries as interns.
Enhancing Project Consultancy Initiatives	Consultancy projects are undertaken
Conduction of IEEE International Conference ICAST-2023	IEEE ICAST-2023 Conference is conducted in 8th-9th Dec 2023
Strengthen the caliber of faculty publications for research	The number of publications in WoS, UGC, Scopus Journals and Copyrights has increased.
Conduct activities to raise awareness and sensitivity to gender equality and diversity.	Facilitated workshops on gender sensitivity and diversity.
Faculty development on current technologies and developments.	Faculty are participating in industry-organized workshops and events, AICTE ATAL FDPs, and STTPS approved by ISTE.
Faculty involvement in certification programs	Faculty completed courses on Coursera, Spoken Tutorials, NPTEL, and other platforms.
Student involvement in certification programs for lifelong learning	Students completed courses on Coursera, Udemy, Spoken Tutorials, NPTEL, and other platforms.
Conduct regular academic audits	Internal and External audits are conducted
Conduction of Green Audits	Green Audit is conducted successfully
Plans for Alumni Connect include industry connect, expert	Alumni have helped the institute by offering internships to

presentations, and project guidance.	students, advising students on projects, conducting expert speeches, serving as judges for technical competitions, and more.
Indian Knowledge Cell needs to be established	KJSIT-Indian Knowledge Cell (IKS) is established
For overall growth of the Institute each Department is asked to prepare 8 point strategic plan implementation and 40-point action plan for AY 23-24	In the Principal Meeting, the implementation of the 8-point strategic plan and the 40-point action plan for AY 23-24 were reviewed.

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	05/07/2024

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

- Year

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.Vivek Sunnapwar
• Designation	Principal
• Does the institution function from its own campus?	Yes
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5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
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9.No. of IQAC meetings held during the year			02		

<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
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<p>10. Did IQAC receive funding from any funding agency to support its activities during the year?</p>	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
<p>11. Significant contributions made by IQAC during the current year (maximum five bullets)</p>		
<p>Preparation and dissemination of NEP2020 Implementation plan as per guidelines</p>		
<p>Establishment of KJSIT-Indian Knowledge Cell (IKS) in the campus</p>		
<p>Improvement in Faculty Publication in Scopus, WoS ,UGC approved Journals and Copyrights to encourage Research Culture</p>		
<p>Improvement in Internships opportunities for students through collaboration with industry and various organizations.</p>		
<p>Conduction of University approved Interviews and Implementation of Pay Scale</p>		
<p>Conduction of various Socio-economic activities by the NSS Unit, Professional body/Cells</p>		
<p>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</p>		

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Name of the statutory body	Date of meeting(s)
Academic Council	05/07/2024

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- Year

Year	Date of Submission
2024	07/02/2024

15. Multidisciplinary / interdisciplinary

To achieve our objective of encouraging interdisciplinary cooperation, we implemented the following measures: 1. Under autonomy, we have expanded the curriculum to include skill-based courses. For the second and third years of each program, four new courses have been added under this area. These courses concentrate on abilities that we think are essential for all

subjects. 2. In the final year, institute-level optional electives covering a broad range of interdisciplinary subjects were introduced (a total of 18 subjects, 9 per semester were offered in the final year): project management, finance management, experiment design, entrepreneurship, environmental management, etc. 3. In order to motivate them to go beyond the curriculum and stay up to date with new advancements, students are informed about the newest technological trends. 4. Students are exposed to a diverse technology environment that fosters lifelong learning through cross-platform projects, workshops, seminars, and other events. Interdepartmental projects are allowed for final-year students. 5. Cross-disciplinary teams are welcomed and encouraged. Students are encouraged to pursue need-based, multidisciplinary, and industry-defined projects. 6. The institute has several professional body chapters, student organizations, and cells that organize events throughout the semester to give students a chance to interact and hone their teamwork skills. 7. Depending on demand, the organization finances interdisciplinary projects undertaken by students. They also form interdepartmental groups for contests. The Smart India Hackathon team, which consists of students from various years and disciplines, is a well-known illustration of this. 8. The faculty members of the institute take an active interest in cross-disciplinary projects. A small number of faculty members collaborate on research projects with GBL (Godavari Bio Refineries Ltd.), the K. J. Somaiya Hospital, and the K. J. Somaiya Institute of Applied Agricultural Research (KIAAR). 9. Our humanities department is of the highest caliber, and as part of the program, students acquire two incredibly useful skills: technical writing and presentation techniques. All of these actions ensure that graduates from our Institute can meet Program Outcomes 9 and 11, which state that recent graduates must be capable of managing projects and performing effectively in interdisciplinary scenarios.

16. Academic bank of credits (ABC):

In the previous academic year, 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. Moreover, at the moment, the LY students have passed out and are not associated with the college; and the current FY students' registration process has yet to be completed. Hence, I am sharing with you the available data. Lot 1: 431 students (03 February 2023) Lot 2: 416 students (13 April 2023) Lot 3: 407 students (25 April 2023)

17.Skill development:

a) Vocational Education: 1.For the FY students, the syllabus has been updated in accordance with NEP2020 criteria.The First Year Curriculum now includes vocational skills and value-based skill classes to help students develop holistically. 2. AICTE enrolls the institute's students in internshala and other programs. Students of all academic years are eligible for internships. Several Memorandums of Understanding have been signed by the Industry Institute Interaction Cell with companies that offer internships to students. 3.The organization works with Finishing School that specializes in providing with Campus Recruitment Training (CRT). Aptitude Building Personal Interview Skills is covered throughout the course, and students can take online practice tests to gain more experience. 4. Institute Innovation Cell is set up at the institute to carry out several entrepreneurship and innovation-related tasks as directed by the Innovation Cell of the Ministry of EducationTo establish a mentor pool for student innovators and to plan recurring workshops, seminars, and encounters with experts, investors, and entrepreneurs.IIC showcases creative projects that the faculty and students of the university have undertaken.IIC plan hackathons, mini-challenges, business plan competitions, and concept contests with industry participation. 5.COEPS Cell organizes industrial visits to government organizations like BARC,IITs,TIFR etc 6. E-Cell organizes workshops to develop technical skills among students 7. We organise a yearly International Conference Advances in Science and Technology-ICAST in collaboration with IEEE. 8. Professional Chapters like IEEE,ISTE,IET and CSI organize events,hackathons,workshops for skill development.The professional body chapters organize several activities throughout the semester and provide students an opportunity to collaborate and learn team working skills. 9. Students can use the Language Lab Software at the Institute to improve their communication abilities. The Basic Communication Skills course was created by the Humanities department to help students strengthen their technical language and public speaking abilities. 10. To offer value-based interactions, we have NSS and other extension initiatives. We are offering credits for learning and activity-based learning (extension activities). 11. 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: Since projects are the most effective way to learn, the institute places a strong emphasis on project-based learning. Students are encouraged to work on projects that address needs and create

solutions that benefit society. As part of our curriculum, we have mandatory internships and industry collaboration projects. Industrial visits and regular lectures by industry alumni and speakers are organized. Alumni serve as mentors for students' main projects, assisting them in achieving industry compliance.

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

- Indian Knowledge Cell has been established. The IKS Cell reviews and revise existing curriculum frameworks to incorporate modules and courses dedicated to IKS by offering Non Major Elective. The Cell also celebrated Yoga Day - We celebrate Marathi Vangmaya Diwas every year A program is dedicated to Marathi literary activities and stalwarts in Marathi arts and culture field are invited to the Institute on this day. - We celebrate 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.

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

As an engineering school, we offer results-oriented instruction. We try to align our extracurricular and academic offerings to help students achieve the 12 graduation attributes specified by the National Board of Accreditation. The program has twelve different outcomes. A list of steps taken to describe the outcomes is as follows: 1. The curriculum has distinct objectives that perfectly match the POs of NBA. Additionally, each Program has its own set of educational objectives. We develop course outcomes for each topic, including lab work, that ensure these objectives are met. During lecture planning, each faculty member comes up with evaluation strategies that are tailored to reaching the objectives. After assessment, we compare achievement to each outcome, enabling us to verify that program objectives have been fulfilled. The "soft" POs, such as teamwork and communication skills, are developed through co-curricular and extracurricular activities. We link each action we take to particular outcomes in order to make this feasible. 2. The Department quality cell and the program assessment committee confirm that the results are accurate and that the questions and responses match. The Bloom's taxonomy is rigorously followed while deciding on assessments. Direct measurement accounts for 80% of accomplishment, whilst indirect measurement accounts for 20%. 3. We ensure the dissemination of PEOs, PSOs, POs and COs. Parents and alumni express gratitude during parent-alumni meetings and other

gatherings. These learning outcomes are also included in departmental pamphlets given to visitors. Every semester, POs and COs are evaluated by all departments using both direct and indirect approaches. 4. The HOD educates the pupils about PO and PSO during the annual meetings. A mapping of CO and PO must be included by students 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 18

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 1681

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **394**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **3342**

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **479**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2 **101**

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	18
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	1681
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	394
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	3342
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	479
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2 Number of full-time teachers during the year:	101
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.3 Number of sanctioned posts for the year:	91
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	0
4.2 Total number of Classrooms and Seminar halls	19
4.3 Total number of computers on campus for academic purposes	790
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	832.48

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.

The autonomy curriculum framework at KJSIT reflects a progressive vision for engineering education, aligning with NEP 2020 guidelines. It features well-defined outcomes for each course (COs) and Program Specific Outcomes (PSOs) tailored to individual programs, aligned with Program Outcomes (POs) to ensure clarity in objectives and measurable student progress.

Curriculum integrates multidisciplinary courses and Honors programs to equip students with industry-relevant skills. Multiple entry and exit options cater to diverse learning needs, fostering lifelong education. The inclusion of mandatory multidisciplinary minor courses in IoT & Cloud Computing, Biotechnology, Innovation & Entrepreneurship, Artificial Intelligence and VLSI, encourage interdisciplinary thinking. The Honors program offers expertise in emerging technology fields: AI & Machine Learning, Cyber Security, Blockchain, Internet of Things, Virtual and Augmented Reality, and Data Science to enhance career prospects.

The NEP curriculum focuses on inclusion of value based learning, vocational skills and project-based learning, enabling students to address sustainability, public health, and societal challenges. Additionally, foreign language, internships, enrich practical and linguistic skills.

With its focus on innovation, sustainability, and skill development, KJSIT prepares students to meet dynamic global demands, reinforcing its vision to be a globally recognized center of excellence and a benchmark for quality in engineering education.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Course+Outcome+2023-24.pdf

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

4

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

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

479

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

1.2 - Academic Flexibility

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

6

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

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

143

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

KJSIT has introduced Co-Curricular-SAT III: Activity-Based Learning (Induction) for first-year students, with a strong focus on Universal Human Values encouraging students to discover their potential, find joy in learning, make confident decisions, build meaningful relationships, and develop empathy towards others. It also promotes understanding the value of money and cultivating a sense of well-being. Faculty members trained under the Universal Human Values initiative by the Ministry of Education and AICTE ensure its successful implementation.

Courses such as Value Education- SAT II: Activity-Based Learning (Contemporary Concerns), Ability Enhancement- SAT IV: Skill-Based Learning (Professional Communication Skills), Business Communication, and Ethics enhance professional ethics and values through practical methods like case studies, debates, and presentations.

The autonomy curriculum is designed with a balance of skill, activity, and technology-oriented courses, offering students the flexibility to choose domains aligned with modern societal and technological needs. It empowers students to tackle complex issues, adopt ethical principles, and engage in lifelong learning. The program sharpens communication, presentation, and writing skills while fostering teamwork, leadership, and mutual respect.

Courses like Environmental Management address critical global challenges, while Project Management emphasizes ethical conduct in project execution. Activity-based learning equips students to analyze ,address social, environmental, and economic concerns effectively.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

5057

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

2096

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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

B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/1.4.1+All+stakeholders+feedback_curriculum_merged.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/1.4.2+All+kind+of+feedback+analysis+and+action+taken_merged_23-24.pdf
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

512

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

53

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

2.2 - Catering to Student Diversity

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

The institute has provisions to support both intelligent and academically weak pupils. The policy is designed wherein weak, bright students are identified through Gap tests conducted by Course faculty, academic performance feedback from previous examinations, term test results. Teachers assess the learning levels of the students in classrooms and lab sessions.

Advanced learner are motivated to participate in activities involving Classroom leadership, assign important projects to build their confidence. We also encourage Peer Learning, Professional Development, Training, internship, participating in Seminars /workshops, conferences, competitions. Students are pushed to enhance creativity through inter-collegiate Technical, Cultural, Sports festivals, Compete in State and National & International level competitions.

Slow learner Institute arranges, extra Assignments, Practice lectures and practical's to the slow learners to improve performance in forthcoming exams. An effective proctor system exists for mentoring, counselling and sorting grievances of the students. A professional counsellor is appointed by the institute as students need support to handle anxiety, stress of academic performance.

The institute has a well maintained library which includes a digital library, good record of latest books, Plagiarism software, collection of high end Journals and reference books. The teaching faculty are always willing to help all the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Methodologies+to+Support+Weak+Students+and+Encourage+Bright+Students+1.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/03/2024	1681	101

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The college organizes inter collegiate contests, symposiums, to encourage students to demonstrate technical skills .

Project-Based learning: During the period of study from the 5th to 8th semester, real time projects are assigned to the students and they are guided by faculty and Industry/Research mentors. The students are also encouraged to develop real time societal and need based projects.

Various active professional body chapters, student cells, student committees/cells/clubs, Student Council etc., organize programs throughout the year to enhance learning experience.

Finishing schools is an initiative to train students on various latest technologies to face the placements. The Institute has software development cell which provides platform for students to work on real time projects. Students are involved in many extra co-curricular activities like Green Club, NSS, Cultural Festival, Technical Festival-Renaissance etc.

Autonomy syllabus is incorporated with SBL (Skill Based

learning), TBL (Technology Based Learning), ABL(Activity Based Learning) and PBL(Project Based Learning).

Skill Based Learning divided as Soft skill and Hard skill.

Technology Based Learning (TBL) is based on online certification courses.

Activity Based Learning (ABL) where students have given task to improve communication skills as well as they find out the societal problem which they try to solve through mini/minor/major project.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://kjsit.somaiya.edu.in/en/experiential-learning/

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

Institute focuses on effective teaching and learning processes through intensive use of ICT based learning. We constantly endeavour to improve our methodology and try to implement student centric teaching methods.

The following are the ICT enabled tools for effective teaching-learning process adopted by all the departments of the institute.

- Software licensing has allowed the institute to comply with curriculum standards.
- Open source software is utilized in laboratory sessions and for projects.
- ICT based learning (Google Class rooms) are used by the course faculty for all course related communication and guidance.
- Faculty members also employ power point presentations in addition to the chalk and board method.
- Faculty members also take benefit of sources like National Programme on Technology Enhanced Learning (NPTEL), Course era and MOOCs for effective teaching.

- WhatsApp group is an additional means and a common practice for students to clear their doubts.
- The institutes has extension subscription of E-journals and digital Library and databases
- Institute has a learning management tool Microsoft Teams.
- Institute has many ICT tools like Smart Whiteboard, Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, Scanner, PowerPoint, Moodle, lab videos, YouTube, Projectors, NPTEL lectures,
- The campus is Wi-Fi enabled.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Additional+Facilities.pdf
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

101

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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 university 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 prepared well in advance before the commencement of the semester based on college calendar of events. It consists of the activities planned for the semester which includes internal test dates, conduction of activities like organizing guest lectures, workshops, conferences,

technical/cultural/sports week, Parent Teachers Meeting, project presentation, term end Submission 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 complete 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.

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

2.4 - Teacher Profile and Quality

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

101

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

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

36

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

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

teachers' total teaching experience in the current institution)

12

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

2.5 - Evaluation Process and Reforms

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

30 days

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

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

445

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

To gauge the ongoing progress Program and Course attainments are used to measure and evaluate teaching and learning processes, research and development activities, student development through extracurricular and co-curricular activities, faculty development, placement, higher education, startups, and

innovations. Bloom's taxonomy, and rubrics are used for evaluation. PAC, DQC committees, and initiatives are used to assess ongoing progress. An External Academic Audit and Internal Academicis conducted annually.

The Continuous Assessment consists of the following:

TESTS: Two Term Tests are conducted for 30 marks each for Core subjects and for 20 Marks for Fundamental/Basic subjects. An 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: These courses have Term Workmarks mentioned in the examination scheme.

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

End Semester Examination: Examination comprising 60 Marks for Core Courses and 45 Marks for Fundamental /Basic Courses fhours .The weightage is CA- 40 % & ESE- 60 %.

A Software is used for result preparation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Assessment+%26+Evaluation.pdf

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 Institute has clearly stated learning outcomes, and finalized after considering remarks of all stake holders.

Every program has defined outcomes which has a one to one correspondence with the graduate attributes of NBA. Program

educational objectives are also defined and mission statements which help in attaining those objectives are crafted. Program outcomes and Program Education Objectives are displayed in laboratory, HOD Cabins, and printed in student laboratory journal, institute website etc. Parents and alumni are apprised of the same in parents meet, alumni meet etc. The leaflets of the department are given to visitors that also contain these learning outcomes. At the end of every semester, all the departments evaluate POs and COs by considering direct and indirect forms of assessment.

Every year during induction respective HOD makes the students aware of PO and PSO. Every course incharge reflects the COs and their mapping to Pos/PSOs in their lectures and practicals.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Course+Outcome+2023-24.pdf

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

- Internal Quality assessment Cell (IQAC) at institute level, Board of Studies (BOS) and Program AssesmentCommittee monitors teaching and learning process.
- Monthly report on syllabus completion, attendance monitoring, Departmental meetings and discussion on academic assessment, evaluation and feedback analysis is done.
- To ensure attainment of learning outcomes, the Institute always focuses on effective teaching and learning processes.
- The attainment of CO, PO is monitored, if gaps are observed remedial steps are taken by the department.
- IQAC Cell has designed a Continuous assessment sheet and attainment calculation sheet, each course teachers calculate attainment of respective subject and monitoring of same is done by HOD and department level coordinators. Once overall attainment is calculated, DQC (Departmental Quality Cell) suggests corrective actions if any gaps

arise.

- Academic audit (internal/external) are performed regularly.
- The Question papers are verified by DQC for proper CO mapping and level of taxonomy
- Analysis and mapping of CO-PO is verified by PAC (Program Assessment committee) and activities are planned by DQC Department Quality Committee accordingly
- Board of Studies (BoS): Examines the department's academic report and suggests strategies to close the achievement gap between the two.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Evaluation+Evaluation.pdf

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

394

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://kjsit.somaiya.edu.in/en/result-analysis

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/SSS_merged+\(3\).pdf](https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/SSS_merged+(3).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 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	View File
Provide URL of policy document on promotion of research uploaded on the website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/KJSIEIT+Research+policies.pdf
Any additional information	No File Uploaded

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

3.1.2.1 - Seed money provided by the institution to its teachers for research during the

year (INR in lakhs)

1.56097

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

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

0

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

44.08381

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

3.2.2 - Number of teachers having research projects during the year

09

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Annexure-Industrial+Consultancy+Projects.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

08

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

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

03

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Annexure-Industrial+Consultancy+Projects.pdf
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

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

- 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 extend till start-ups receive funding. These services help start-ups to grow and facilitate 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 industry/organizations are initiated.
- 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. are 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.
- Institute Innovation Cell IIC is established to encourage, inspire and nurture young minds of students by supporting them to work with new ideas and transform them into prototypes as well as products thus creating a vibrant local innovation ecosystem in the institute.

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

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

131

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

13

File Description	Documents
URL to the research page on HEI website	https://kjsit.somaiya.edu.in/en/about-research-development-cell/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

66

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

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

30

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

590

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

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

13

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
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)

6.45

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

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

0.02

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

3.6 - Extension Activities

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

- To inspire the rural communities to dream, plan, mobilize forces and resources for sustainable development of each member who can realize his/her full potential and create such ecosystem for positive behavioral transformation.
- To seek positive transformation and to engender progressive changes in the communities through alternative development models that is participatory, sustainable and inclusive.
- To render service to the larger community by creating and sustaining a culture of cooperative living for inclusive and sustainable development.
- To empower marginalized and vulnerable groups in the village particularly the elderly, the women, the youth and the children of the community.
- To establish convergence models of resources, manpower to achieve comprehensive development in tune with people's aspirations and potential.
- To build partnerships and networking/tie ups with various agencies (NSS units, NGOs, industries, Public and Private sector, NRI) and industries working in and around the village/district for development of the selected village.
- To document new models of development of rural communities/villages/cluster of villages and use in trainings & research.
- Identify new researchable areas for solving problems.

- **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

1

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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)

68

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

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

2589

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

3.7 - Collaboration

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

116

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

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

16

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The physical infrastructure at KJSIT includes well-equipped classrooms that can be used for both traditional chalk-and-duster instruction and instruction facilitated by ICT. The library has a collection of modern books and journals, as well as access to digital and e-learning materials, and the labs are equipped with modern technology. Additionally, the Institute features a 400-seat auditorium that is air-conditioned and well-furnished. It is used to host symposia, seminars, conferences, and guest lectures.

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.

Perceptions about the future needs of students, instructors, and administrative personnel influence the infrastructure plan of the institute. Currently, the Institute's main goal is to build a modern physical infrastructure that also satisfies the requirements imposed by regulatory bodies such as the UGC and AICTE.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.somaiya.edu.in/en/infrast ructure

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's air-conditioned, well-furnished auditorium makes it easier to host technical and cultural events. Additionally, events are held in the open space on campus.

The yearly sports festival and other athletic events are made possible by a sports complex equipped with table tennis, AstroTurf football, skating, a cycling track, chess, carom, a football field, and a cricket stadium with floodlights. An open

gymnasium is available, which promotes the development of physical fitness. Support from the infrastructure is essential for developing students' inventiveness, creativity, and capacity for self-directed lifelong learning.

Students can also use the facilities under the Somaiya Sports Academy, which is a part of the Somaiya Vidyavihar University campus in Vidyavihar. It has facilities that are of international standards for sports like squash, badminton, basketball, lawn tennis, athletics (all disciplines), and many more. All of the campus's amenities are available to students, who can also experience coaching in a variety of sports. For those who want to participate at a higher level, Somaiya Sports Academy offers top-notch coaching from internationally qualified coaches in all sports.

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

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://sportsacademy.somaiya.edu/

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

19

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

184.95

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

- Name of the ILMS software - Bookworm Software (In-house)
- Nature of automation (full or partial) - Partially Automated
- Version-1
- Year of automation - 2010

Library is partially automated {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. Students and staff may access it at <http://opac.somaiya.edu>. It indicates the precise location of each book in the KJSIT Library in addition to the quantity of copies that are there. Online book reservations and renewals are possible. Automation of issuing procedures has been made possible with Bookworm Software and RFID identity cards.

Additional Library specialized services

- Reference - E-journals, Global Common Circulation (GCC) Somaiya facility.
- Reprography- Photocopy machine available.
- Inter Library Loan Service(ILL)- The IET, Global Common Circulation
- Information deployment and notification E-Alerts- about due dates and new arrivals of the library including e-mails and SMS alerts. Online facility to check an individual's library account.
- Downloads-Facility to download E-journals and e-book <https://library.somaiya.edu/> . An App is also provided through Somaiya mail itself.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.somaiya.edu.in/en/about-library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

5.57666

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

28

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

4.3 - IT Infrastructure

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

The Somaiya Vidyavihar IT department keeps a data center on campus for all of the institutions that are part of the Somaiya Trust. Software for the Institute has been developed by a team of dedicated IT professionals at the Center. Additionally, the Institute has received need-based software solutions developed by students and faculty.

Through the use of a biometric staff attendance system, HR software, the Student Information Management System (SIMS), feedback system, Faculty Profile Management System (FPMS), CO-PO attainment software, Placement Information Management system, RFID in the library, and KJSIT's Stakeholders Feedback Analysis Portal most key functions in the institute are automated. The entire campus is IT enabled. Additionally, the campus also has a library, a canteen with Wi-Fi, corridors with 355 Mbps Internet, group messaging.

The Somaiya Vidyavihar IT department developed the MyAccount website, which is used for staff management, organization, and administration.

The college tracks staff members' daily arrivals and departures using a biometric attendance system.

The Student Information Management System creates attendance data, and Oracle NetSuite is utilized to administer fees and salaries. Software called Event Management System (EMS) is used to plan seminars and other events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/About/Institute+Handbook/Handbook+2022/11+IT+Policies.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1681	790

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus **A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

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

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)

647.52

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

Administrative Hand Book

- About Institute
- Programs and Departments
- Administrative Policies

Academic & Quality Policy

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

H R & IT Policy

- HR Policies
- IT Policy

Student & Alumni Policy

- **Student welfare policies**

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.

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

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kjsieit.somaiya.edu/en/handbook

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

647

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

21

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

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

300

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

191

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

66

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

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

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

66

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

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

9

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

KJSIT is proud of its enthusiastic Student Council, which organize major events like annual Technical festival- Renaissance, Cultural Festival- SURGE and sports Festival-Score. The council is formed by a systematic procedure as per the institute's policy. The Dean, students' Welfare along with the Sports Coordinator, Technical Coordinator and Sports Coordinator select the council with various council posts through interviews. Student council organizes competitions like Hackathons, project competitions, workshops, seminars etc under the supervision of Dean, Students' welfare and technical coordinator. They are actively involved in celebrating all important national events, important international and national Days like Teacher's day and engineers; s Day. Cultural events like Navaratri are also organized by the council. The Council is formed by encouraging gender equality in major Council positions. The academic calendar is prepared based on important activities of the council in consultation with the Dean, Students' welfare, all Coordinators and Council members. Girl students are encouraged to take up important positions to host different events. The council holds regular meetings with all the Coordinators and Dean to organize the events with proper permission by The Principal.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsit.somaiya.edu.in/en/students-council

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

48

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

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

KJIST is committed to create a dedicated community of Alumni network to support the institution in form of resources, donations and guest lecturers in its quest to be premier Institution. KJSIT organizes AlumNite, Alumni meet in the month of March/April to felicitate 'Star Alumni' as well as to strengthen the holistic connect with their Alma mater. The major celebration of alumni came from Mr. Rohit Bokade who played a major role in designing the pico satellite, "Somaiya Beliefsat" on 1st January 2024. The feat was achieved with the guidance of ISRO scientists and Dean Research, Dr. Umesh. The success of launching the satellite proved to bring the institute at par with IITs. The major contributions from alumni comes in the form of conducting expert talks, assessing projects and guidance in various fields, providing internships and placements and judging the various competitions of the institute. In 2023-24, 17 internships, 14 placements were provided by the alumni. 59 judged the various events in InTek, project competition. 47 acted as mentors for the major projects and 5 expert talks.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsit.somaiya.edu.in/en/alumni_overview

5.4.2 - Alumni's financial contribution during the year **A. ? 15 Lakhs**

File Description	Documents
Upload any additional information	View File

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

The institute utilizes strategic planning from stakeholders to achieve its vision and mission, executing events that showcase teamwork, leadership, and Trust values..The institution head receives inputs from faculty members and department heads during the strategic plan formulation process. The institute ensures all faculty members share a common goal, promoting leadership and team building. As per the hierarchy every faculty is involved in tasks of planning ,doing ,executing and evaluating the activities showcasing leadership and team building of the governance established in the instituteThe institute ensures that all initiatives are inclined towards engineering education to nurture talent and transform young minds to realise their potential and become future ready engineers.

Our strategic plans focuses on:

1. Creating a trained manpower of faculty and students.
2. Applying learned knowledge for developing 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
Upload any additional information	No File Uploaded
Paste link for additional Information	https://kjsieit.somaiya.edu.in/en/vision-mission

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

The institute is dedicated to promoting interdependencies, transparent coordination, and a decentralized governance culture. Enough authority is given to each department to carry out the teaching and learning process. The primary decision-maker, the Head of Department (HOD), is supported by the department faculty. Before decisions are taken and the practice is implemented, feedback and suggestions is solicited from all parties involved.

- Faculty members can organize departmental activities and programs, lead teams on various committees, and make operational decisions.
- Planning, organizing, and carrying out various events is encouraged for student chapters and the student council.
- Employees actively take part in planning and events, encouraging a culture of participation and decision-making abilities.

Case study:

The Principal initially decided project seed money, but currently HODs approve and sanction reimbursement for faculty

members in workshops, courses, and conferences. Faculty receive annual Department budget allocations for student projects, wherein Heads of Departments (HODs) have 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 based on the nature and scope of the project.

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

6.2 - Strategy Development and Deployment

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

Our organization is set up according to the Plan-Do-Check-Act quality assurance procedures in order to move towards our mission. This requires effective preparation. We develop a strategic plan and solicit feedback from all faculty members to guarantee that everyone has a say in the institute's future goals. The institute-level plan is presented after departmental-level plans. Every year, the institute conducts department reviews. We developed the eight-point strategy growth plan at our institute. The institute's strategic plan is reviewed, suggestions are made, and a final plan is developed during the Governing Body meeting.

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 earning through 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf
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 experts and nominees of the state government, University of Mumbai and UGC are part of it. We practice the principle of delegation of authority. Principal and Vice Principal report to the GB. Establishment of GB, various committees , Academic Council, BOS, Finance Committee etc. ensure smooth and effective conduction of the various activities. Various committees include the faculty, staff and the students. Appointments and service rules are as per University of Mumbai, AICTE ,UGC guidelines and procedure is transparent. Institute complies with University of Mumbai guidelines for approval of faculties.

File Description	Documents
Paste link to Organogram on the institution webpage	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/Organisation%2Bchart+Dec%2B12+2023.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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	View File
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 faculty and 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 at superannuation/on leaving the Institute .
9. There is a provision of leave encashment at the time of superannuation/leaving the institute.

Welfare measures for teaching faculty:

1. Sponsorship for higher education.
2. Provision of Accidental Insurance.

3. Financial support for paper presentation, faculty development activities, workshops etc.
4. Seed money for projects, per year is allocated per department for the research.
5. Travelling Allowance is double, for physically challenged person.
6. Institute organizes FDP for career progression.
7. Annual Career Advancement Schemes and Performance Appraisal scheme.

Welfare measures for 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/welfarescheme.pdf

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

58

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

6.3.3 - Number of professional development / administrative training programmes

organized by the Institution for its teaching and non-teaching staff during the year

161

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

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.)

161

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The 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.

Institution follows a standard procedure as below:

After quarterly account finalization the internal auditor will check if there is any query in bills, TDS payments, TDS contractor payment and PT 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Audit+report_compressed.pdf

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)

9

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

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

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.
2. Research grants received from regulatory bodies from AICTE.
3. Sponsorships received from professional chapters.
4. Loan, if needed.

5. Amount received for utilization of infrastructure for exams conducted by NTA like NEET,NET/SET etc,.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Audit+report_compressed.pdf

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 in charge of creating strategies to raise standards across the institution and standardizing current practices.

IQAC does following activities:

- Provides suggestions for improvement of the Institute in areas related to teaching-learning, co-curricular, environment, and extension activities of the Institute and parameters for appraisal of faculty and programmes.
- Organises Workshops and training programs on pedagogy, and accreditation.
- Instrumental in improving the use of ICT by faculty.
- Conducts an internal audit of course files and has made concrete efforts towards implementing outcome-based education, thereby supplementing the activities of the academic committee.
- Provide platform to showcase the talent of students and faculty by organising INtech project competition and International conference (ICAST).
- The department quality cell (DQC) which work along with IQAC monitors the teaching learning process, verifies outcomes, checks whether the assessment is according to Blooms taxonomy, the attainment is verified. Suggestions for improving any gap in the attainment of graduate attributes is provided to departments.
- Syllabus revision as per NEP 2020 guidelines for AY 23-24

and updates to Curriculum are done by involving the Academicians, Industrialists and Alumni as part of Board of Studies. Accreditations of IT department in first cycle of NBA and other two departments Computer Engineering and Electronics and Telecommunication Engineering are reaccredited.

Through these incremental initiatives, we realise the objectives of our Institution.

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

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 implemented microsoft teams in online mode till Feb 2022 for teaching and HOD's are members of all classes to enable random monitoring.
- 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	<u>Nil</u>

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	<u>https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/KJSIT+Year+Book+Jan-Dec+2023revised.pdf</u>
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	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The NSS, Student Council, and the institute's IQAC cell lead efforts to promote gender equity and awareness. They implement various initiatives to advance gender equality, including the following:

- A clean and safe environment is provided for female employees and pupils by installing CCTV cameras in the campus.
- Boys and girls common rooms are distinct, cozy, and well-

ventilated.

- Competitions and Hackathons are encouraged which need at least 1 out of 6 participants to be a female student.
- A VISHAKHA committee has been constituted by the institute for the safety and security of women. The committee's mandate is to safeguard female employees and girls at workplace from sexual harassment.
- Girls and boys are given equal opportunities to head the committees/cells/clubs established such as the student council, NSS, student chapters of various professional bodies (IEEE, CSI etc).
- The Women Development Cell ensures that there is a favorable work environment and that no female employee has any cause to feel that she is not treated fairly at work.
- Seminars like Personality Development and Menstrual Hygiene are organized by the departments, Women Development Cell (WDC) and Vishakha Cell.

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

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

B. Any 3 of the above

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

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

- The institute has successfully implemented waste segregation, separating dry and wet waste. A composting facility is in place where yard waste and wet canteen waste are converted into manure, which is then used in the

gardens to enrich the soil.

- The college prioritizes paperless submissions whenever possible, utilizing software developed by the institute to facilitate e-governance without the need for paper.
- No biomedical waste is generated at the institute. In the chemistry labs, waste chemicals are mild and water-soluble.
- To spread awareness about the harmful effects of e-waste, seminars are conducted for e-waste management by the NSS unit.
- Digital boards with messages are used to discourage the use of plastic on campus.
- The canteen facility does not use plastic cups and plates for food serving.
- Stainless steel water bottles are used in offices instead of using plastic.
- E-incarnation Recycling Pvt. Ltd., an MPCB-registered firm, collected 310 kg E-waste from the college.

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

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

C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

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

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

B. Any 3 of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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

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.

A. Any 4 or all of the above

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

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

The institute nurtures an inclusive, employee-friendly environment where equality and respect are prioritized. The Student Council and NSS unit actively organize events promoting harmony among diverse cultural, regional, linguistic, and socioeconomic groups. Flagship events like Surge-24, a cultural

festival, and Score-24, a sports competition, along with various other activities, foster teamwork and national unity, drawing enthusiastic participation from students.

The NSS unit of KJSIT, in collaboration with Mumbai University and Nakshatra-Marathi Bhasha Vangmay Mandal, celebrated "Marathi Bhasha Diwas" on February 24, 2024. This event emphasized linguistic diversity, promoting appreciation for the Marathi language and literature. Marathi Bhasha Gaurav Din featured mathematician and author Dr. Vivek Patkar as a keynote speaker.

To honor and respect the state of Maharashtra, the Maharashtra Geet is performed prior to any program/event.

Comprehensive two- or three-day training programs on wired robotics, quadcopters, and artificial intelligence are organized for school children of Nareshwadi, Kopargaon, Maharashtra, Sameerwadi-Karnataka by the students of KJSIT's AI-Robotic Cell.

A value based course-Indian Knowledge is curated under NEP2020 FY Syllabus to develop a respectful mindset by students for cultural, regional, linguistic differences.

Street plays are organised by students of NSS to create awareness about societal issues. Blood donation camps are organised by the NSS unit.

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

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

The institute observes significant occasions such as Women's Day, Independence Day and Republic Day, aligning its educational programs with national objectives. Several activities were conducted to nurture responsible citizens:

- **Hiroshima Day Peace Rally** : The NSS unit participated in a rally at Azad Maidan, organized by Mumbai Sarvoday Mandal and NSS units of Mumbai and SNDT University.

- Independence Day CelebrationVolunteers organized an event at the college grounds to commemorate India’s 77th Independence Day.
- Republic Day Celebration : The Students’ Council and NSS Unit collaborated to mark this occasion.
- Blood Donation Camp:Organized in collaboration with Jagjivan Ram Hospital and Lions Club of Shivaji Park.
- Teaching Children Drive : In partnership with Robin Hood Army, NSS volunteers educated 80-90 children in Thane on educational concepts and distributed food.
- Reflective Collar Making: Volunteers crafted handmade reflective collars for dogs with NGO BHUMI to reduce nighttime accidents.
- Red Run Marathon: Over 500 participants joined the event, organized by MDACS, to raise AIDS awareness.
- Two-Wheeler Safety Seminar: Held at the KJSIT Auditorium, the seminar emphasized road safety and helmet use.
- Social Impact projects for NGOs, schools are developed by students helping them to develop understanding of responsibility towards the society and nation at large.

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

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

- **Two-Wheeler Safety Seminar (September 21, 2023):** Organized by NSS volunteers at the KJSIT Auditorium.
- **University Foundation Day (July 18, 2023):** Celebrated by NSS volunteers and officials at Churchgate.
- **Hiroshima Day Peace Rally (August 5, 2023):** Attended by NSS volunteers at Azad Maidan.
- **Independence Day Event (August 15, 2023):** Conducted by NSS volunteers at the college grounds to celebrate India's 77th Independence Day.
- **Gandhiji Virasat Event (October 4, 2023):** Participated by NSS volunteers with various colleges at Geeta Hall, Bharatiya Vidya Bhavan, Chowpatty.
- **National Youth Day (January 12, 2024):** Celebrated by NSS volunteers to honor Swami Vivekananda's birthday at Mumbai University.
- **Indian Army Day (January 15, 2024):** Hosted at KJSIT, featuring Major Prajakta Desai, who inspired participants with her 11 years of service experience.
- **75th Republic Day Celebration (January 26, 2024):** Successfully promoted unity, patriotism, and positive citizenship.
- **International Women's Day (March 9, 2024):** Celebrated by the WDC, recognizing women employees for their contributions over the past five years.
- **Marathi Bhasha Gaurav Din & National Science Day (February 27, 2024):** Organized by Nakshatra-Marathi Bhasha & Vangmay Mandal in association with NSS.
- **Engineers' Day and Teachers' Day (September 15, 2023):** Recognized faculty achievements, including project development for the institute or external organizations.

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

7.2 - Best Practices

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

1.NSS

The KJSIT-NSS unit is an extension of activities to the higher education system to orient the student youth to community service while they are studying . The sole aim of the NSS is to provide hands on experience to the young students who are fervent in giving back to the society and keen on developing a better, cleaner, safer community The unit organizes activities for the welfare of social causes all through the year.The NSS Unit received an award for its exceptional contribution for voluntary blood donor motivation at railway camps initiatives for the AY 22-24 and AY 23-24.

2.Popularization of latest technology to the school level by AI-Robotic Cell

The students of the AI-Robotic Cell of KJSITorganizes comprehensive 2- or 3-days training programs on Wired Robotics, Quadcopters, and Artificial Intelligence for school students. The program aims to introduce participants to cutting-edge technologies, fostering innovation, practical learning, and a deeper understanding of robotics and AI. They conduct 2/3days of Robotics training in Wired Robotics, Quadcopter and Artificial Intelligence for 7th, 8th and 9th standard students and conduct competitions among them. Finally, they organize a Somaiya ROBO festival for them.

File Description	Documents
Best practices in the Institutional website	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/Best+Practice_23-24_+NSS.pdf
Any other relevant information	https://myalbum.com/album/TaHTfFCWBZnn22/?invite=2beccdc4-0ed4-436f-966e-8e287295e2d4

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)

New Leap Lab: A Hub for Innovation and Technology Development

1. Establishment, Aim, and Objectives: Established in 2017 at K.J. Somaiya Institute of Technology, New Leap Lab focuses on leveraging open-source, cost-effective components, and frugal engineering. The lab engages students and faculty in cutting-edge technology development, emphasizing space-tech, embedded systems, RF communication, and data sciences.

2. Awards and Recognitions:

- Successfully launched Somaiya BeliefSat-0 with PSLV XPOSAT C58 mission (Jan 1, 2024).
- Won 1st Prize in 'Touch the Jovian Moon Lander Mission Design' contest by LPSC-ISRO (2018).
- Received ARISS SSTV Image Award for decoding ISS SSTV images.

- Winners of 'Antenna Making Contest' (LARC), Hyderabad (2020).
- Secured 3rd Prize in Anveshan 2021-22 National Student Research Convention.
- Organized the 1st Somaiya Space Conclave (2020).

3. Collaborations: Partners include ISRO, IN-Space, NSIL, Indian Meteorological Department, and industry leaders like Dhruva Space Pvt. Ltd., SpaceVerse Technologies, and DCUBED (Germany).

4. Projects: Key projects include Somaiya BeliefSat-, Upper Air Sounding System (UASS), and Farmer's Wallet: Weather Prediction Model.

5. Ongoing Projects: Active projects include BeliefSat-0.1, Doordrishti Ground Station, and an AI Conversational System.

6. Future Projects: Plans include advancing satellite technologies, building a large language model, and enhancing BeliefSat with features like SSDV cameras and transponders.

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.

The autonomy curriculum framework at KJSIT reflects a progressive vision for engineering education, aligning with NEP 2020 guidelines. It features well-defined outcomes for each course (COs) and Program Specific Outcomes (PSOs) tailored to individual programs, aligned with Program Outcomes (POs) to ensure clarity in objectives and measurable student progress.

Curriculum integrates multidisciplinary courses and Honors programs to equip students with industry-relevant skills. Multiple entry and exit options cater to diverse learning needs, fostering lifelong education. The inclusion of mandatory multidisciplinary minor courses in IoT & Cloud Computing, Biotechnology, Innovation & Entrepreneurship, Artificial Intelligence and VLSI, encourage interdisciplinary thinking. The Honors program offers expertise in emerging technology fields: AI & Machine Learning, Cyber Security, Blockchain, Internet of Things, Virtual and Augmented Reality, and Data Science to enhance career prospects.

The NEP curriculum focuses on inclusion of value based learning, vocational skills and project-based learning, enabling students to address sustainability, public health, and societal challenges. Additionally, foreign language, internships, enrich practical and linguistic skills.

With its focus on innovation, sustainability, and skill development, KJSIT prepares students to meet dynamic global demands, reinforcing its vision to be a globally recognized center of excellence and a benchmark for quality in engineering education.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Course+Outcome+2023-24.pdf

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

4

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

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

479

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

1.2 - Academic Flexibility

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

6

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

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

143

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

KJSIT has introduced Co-Curricular-SAT III: Activity-Based Learning (Induction) for first-year students, with a strong focus on Universal Human Values encouraging students to discover their potential, find joy in learning, make confident decisions, build meaningful relationships, and develop empathy towards others. It also promotes understanding the value of money and cultivating a sense of well-being. Faculty members trained under the Universal Human Values initiative by the Ministry of Education and AICTE ensure its successful implementation.

Courses such as Value Education- SAT II: Activity-Based Learning (Contemporary Concerns), Ability Enhancement- SAT IV: Skill-Based Learning (Professional Communication Skills), Business Communication, and Ethics enhance professional ethics and values through practical methods like case studies, debates, and presentations.

The autonomy curriculum is designed with a balance of skill,

activity, and technology-oriented courses, offering students the flexibility to choose domains aligned with modern societal and technological needs. It empowers students to tackle complex issues, adopt ethical principles, and engage in lifelong learning. The program sharpens communication, presentation, and writing skills while fostering teamwork, leadership, and mutual respect.

Courses like Environmental Management address critical global challenges, while Project Management emphasizes ethical conduct in project execution. Activity-based learning equips students to analyze ,address social, environmental, and economic concerns effectively.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

5057

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects	
2096	
File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File
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	B. Any 3 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/1.4.1+All+stakeholders+feedback+curriculum+merged.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
File Description	Documents
Provide URL for stakeholders' feedback report	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/1.4.2+All+kind+of+feedback+analysis+and+action+taken+merged_23-24.pdf
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	
512	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
53	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.	
<p>The institute has provisions to support both intelligent and academically weak pupils. The policy is designed wherein weak, bright students are identified through Gap tests conducted by Course faculty, academic performance feedback from previous examinations, term test results. Teachers assess the learning levels of the students in classrooms and lab sessions.</p> <p>Advanced learner are motivated to participate in activities involving Classroom leadership, assign important projects to build their confidence. We also encourage Peer Learning, Professional Development, Training, internship, participating in Seminars /workshops, conferences, competitions. Students are pushed to enhance creativity through inter-collegiate Technical, Cultural, Sports festivals, Compete in State and National & International level competitions.</p>	

Slow learner Institute arranges, extra Assignments, Practice lectures and practical's to the slow learners to improve performance in forthcoming exams. An effective proctor system exists for mentoring, counselling and sorting grievances of the students. A professional counsellor is appointed by the institute as students need support to handle anxiety, stress of academic performance.

The institute has a well maintained library which includes a digital library, good record of latest books, Plagiarism software, collection of high end Journals and reference books. The teaching faculty are always willing to help all the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Methodologies+to+Support+Weak+Students+and+Encourage+Bright+Students+1.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/03/2024	1681	101

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The college organizes inter collegiate contests, symposiums, to encourage students to demonstrate technical skills .

Project-Based learning: During the period of study from the 5th to 8th semester, real time projects are assigned to the students and they are guided by faculty and Industry/Research mentors. The students are also encouraged to develop real

time societal and need based projects.

Various active professional body chapters, student cells, student committees/cells/clubs, Student Council etc., organize programs throughout the year to enhance learning experience.

Finishing schools is an initiative to train students on various latest technologies to face the placements. The Institute has software development cell which provides platform for students to work on real time projects. Students are involved in many extra co-curricular activities like Green Club, NSS, Cultural Festival, Technical Festival-Renaissance etc.

Autonomy syllabus is incorporated with SBL (Skill Based learning), TBL (Technology Based Learning), ABL(Activity Based Learning) and PBL(Project Based Learning).

Skill Based Learning divided as Soft skill and Hard skill.

Technology Based Learning (TBL) is based on online certification courses.

Activity Based Learning (ABL) where students have given task to improve communication skills as well as they find out the societal problem which they try to solve through mini/minor/major project.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://kjsit.somaiya.edu.in/en/experiential-learning/

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

Institute focuses on effective teaching and learning processes through intensive use of ICT based learning. We constantly endeavour to improve our methodology and try to implement student centric teaching methods.

The following are the ICT enabled tools for effective

teaching-learning process adopted by all the departments of the institute.

- Software licensing has allowed the institute to comply with curriculum standards.
- Open source software is utilized in laboratory sessions and for projects.
- ICT based learning (Google Class rooms) are used by the course faculty for all course related communication and guidance.
- Faculty members also employ power point presentations in addition to the chalk and board method.
- Faculty members also take benefit of sources like National Programme on Technology Enhanced Learning (NPTEL), Course era and MOOCs for effective teaching.
- WhatsApp group is an additional means and a common practice for students to clear their doubts.
- The institutes has extension subscription of E-journals and digital Library and databases
- Institute has a learning management tool Microsoft Teams.
- Institute has many ICT tools like Smart Whiteboard, Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, Scanner, PowerPoint, Moodle, lab videos, YouTube, Projectors, NPTEL lectures,
- The campus is Wi-Fi enabled.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Additional+Facilities.pdf
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

101

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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 university 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 prepared well in advance before the commencement of the semester based on college calendar of events. It consists of the activities planned for the semester which includes internal test dates, conduction of activities like organizing guest lectures, workshops, conferences, technical/cultural/sports week, Parent Teachers Meeting, project presentation, term end Submission 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 complete 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.

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

2.4 - Teacher Profile and Quality

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

101

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

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

36

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

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

12

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

2.5 - Evaluation Process and Reforms

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

30 days

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

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

445

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

To gauge the ongoing progress Program and Course attainments are used to measure and evaluate teaching and learning processes, research and development activities, student development through extracurricular and co-curricular activities, faculty development, placement, higher education, startups, and innovations. Bloom's taxonomy, and rubrics are used for evaluation. PAC, DQC committees, and initiatives are used to assess ongoing progress. An External Academic Audit and Internal Academicis conducted annually.

The Continuous Assessment consists of the following:

TESTS: Two Term Tests are conducted for 30 marks each for Core subjects and for 20 Marks for Fundamental/Basic subjects. An 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:
These courses have Term Workmarks mentioned in the examination scheme.

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

End Semester Examination: Examination comprising 60 Marks for Core Courses and 45 Marks for Fundamental /Basic Courses fhours .The weightage is CA- 40 % & ESE- 60 %.

A Software is used for result preparation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Assessmant+%26+Evaluation.pdf

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 Institute has clearly stated learning outcomes, and finalized after considering remarks of all stake holders.

Every program has defined outcomes which has a one to one correspondence with the graduate attributes of NBA. Program educational objectives are also defined and mission statements which help in attaining those objectives are crafted. Program outcomes and Program Education Objectives are displayed in laboratory, HOD Cabins, and printed in student laboratory journal, institute website etc. Parents and alumni are apprised of the same in parents meet, alumni meet etc. The leaflets of the department are given to visitors that also contain these learning outcomes. At the end of every semester, all the departments evaluate POs and COs by considering direct and indirect forms of assessment.

Every year during induction respective HOD makes the students aware of PO and PSO. Every course incharge reflects the COs and their mapping to Pos/PSOs in their lectures and

practicals.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Course+Outcome+2023-24.pdf

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

- Internal Quality assessment Cell (IQAC) at institute level, Board of Studies (BOS) and Program Assessment Committee monitors teaching and learning process.
- Monthly report on syllabus completion, attendance monitoring, Departmental meetings and discussion on academic assessment, evaluation and feedback analysis is done.
- To ensure attainment of learning outcomes, the Institute always focuses on effective teaching and learning processes.
- The attainment of CO, PO is monitored, if gaps are observed remedial steps are taken by the department.
- IQAC Cell has designed a Continuous assessment sheet and attainment calculation sheet, each course teachers calculate attainment of respective subject and monitoring of same is done by HOD and department level coordinators. Once overall attainment is calculated, DQC (Departmental Quality Cell) suggests corrective actions if any gaps arise.
- Academic audit (internal/external) are performed regularly.
- The Question papers are verified by DQC for proper CO mapping and level of taxonomy
- Analysis and mapping of CO-PO is verified by PAC (Program Assessment committee) and activities are planned by DQC Department Quality Committee accordingly
- Board of Studies (BoS): Examines the department's academic report and suggests strategies to close the

achievement gap between the two.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/Academics/Academic+Process/Assessment+%26+Evaluation.pdf

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

394

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://kjsit.somaiya.edu.in/en/result-analysis

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/SSS_merged+\(3\).pdf](https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/SSS_merged+(3).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 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	View File
Provide URL of policy document on promotion of research uploaded on the website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/KJSIEIT+Research+policies.pdf
Any additional information	No File Uploaded

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

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

1.56097

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

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

0

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

44.08381

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

3.2.2 - Number of teachers having research projects during the year	
09	
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Annexure-Industrial+Consultancy+Projects.pdf
List of research projects during the year	View File
3.2.3 - Number of teachers recognised as research guides	
08	
File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File
3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year	
03	
File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Annexure-Industrial+Consultancy+Projects.pdf
Any additional information	No File Uploaded
3.3 - Innovation Ecosystem	
3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.	

- 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 extend till start-ups receive funding. These services help start-ups to grow and facilitate 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 industry/organizations are initiated.
- 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.
- Institute Innovation Cell IIC is established to encourage, inspire and nurture young minds of students by supporting them to work with new ideas and transform them into prototypes as well as products thus creating a vibrant local innovation ecosystem in the institute.

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

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

131

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

13

File Description	Documents
URL to the research page on HEI website	https://kjsit.somaiya.edu.in/en/about-research-development-cell/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

66

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

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

30

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

590

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

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

13

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
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)

6.45

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

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

0.02

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

3.6 - Extension Activities

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

- To inspire the rural communities to dream, plan, mobilize forces and resources for sustainable development of each member who can realize his/her full potential and create such ecosystem for positive behavioral transformation.
- To seek positive transformation and to engender progressive changes in the communities through alternative development models that is participatory, sustainable and inclusive.
- To render service to the larger community by creating and sustaining a culture of cooperative living for inclusive and sustainable development.
- To empower marginalized and vulnerable groups in the village particularly the elderly, the women, the youth and the children of the community.
- To establish convergence models of resources, manpower to achieve comprehensive development in tune with people's aspirations and potential.
- To build partnerships and networking/tie ups with various agencies (NSS units, NGOs, industries, Public and Private sector, NRI) and industries working in and around the village/district for development of the selected village.
- To document new models of development of rural communities/villages/cluster of villages and use in

trainings & research.

- Identify new researchable areas for solving problems.

- 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

1

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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)

68

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

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

2589

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

3.7 - Collaboration

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

116

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

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

16

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The physical infrastructure at KJSIT includes well-equipped classrooms that can be used for both traditional chalk-and-duster instruction and instruction facilitated by ICT. The library has a collection of modern books and journals, as well as access to digital and e-learning materials, and the labs are equipped with modern technology. Additionally, the Institute features a 400-seat auditorium that is air-conditioned and well-furnished. It is used to host symposia, seminars, conferences, and guest lectures.

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.

Perceptions about the future needs of students, instructors, and administrative personnel influence the infrastructure plan of the institute. Currently, the Institute's main goal is to build a modern physical infrastructure that also satisfies the requirements imposed by regulatory bodies such as the UGC and AICTE.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.somaiya.edu.in/en/infrastructure

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's air-conditioned, well-furnished auditorium makes it easier to host technical and cultural events. Additionally, events are held in the open space on campus.

The yearly sports festival and other athletic events are made

possible by a sports complex equipped with table tennis, AstroTurf football, skating, a cycling track, chess, carom, a football field, and a cricket stadium with floodlights. An open gymnasium is available, which promotes the development of physical fitness. Support from the infrastructure is essential for developing students' inventiveness, creativity, and capacity for self-directed lifelong learning.

Students can also use the facilities under the Somaiya Sports Academy, which is a part of the Somaiya Vidyavihar University campus in Vidyavihar. It has facilities that are of international standards for sports like squash, badminton, basketball, lawn tennis, athletics (all disciplines), and many more. All of the campus's amenities are available to students, who can also experience coaching in a variety of sports. For those who want to participate at a higher level, Somaiya Sports Academy offers top-notch coaching from internationally qualified coaches in all sports.

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

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://sportsacademy.somaiya.edu/

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

19

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

184.95	
File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

- Name of the ILMS software - Bookworm Software (In-house)
- Nature of automation (full or partial) - Partially Automated
- Version-1
- Year of automation - 2010

Library is partially automated {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. Students and staff may access it at <http://opac.somaiya.edu>. It indicates the precise location of each book in the KJSIT Library in addition to the quantity of copies that are there. Online book reservations and renewals are possible. Automation of issuing procedures has been made possible with Bookworm Software and RFID identity cards.

Additional Library specialized services

- Reference - E-journals, Global Common Circulation (GCC) Somaiya facility.
- Reprography- Photocopy machine available.
- Inter Library Loan Service(ILL)- The IET, Global Common Circulation
- Information deployment and notification E-Alerts- about due dates and new arrivals of the library including e-mails and SMS alerts. Online facility to check an individual's library account.

- Downloads-Facility to download E-journals and e-book <https://library.somaiya.edu/> . An App is also provided through Somaiya mail itself.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.somaiya.edu.in/en/about-library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

5.57666

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

28

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

4.3 - IT Infrastructure

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

The Somaiya Vidyavihar IT department keeps a data center on campus for all of the institutions that are part of the Somaiya Trust. Software for the Institute has been developed by a team of dedicated IT professionals at the Center. Additionally, the Institute has received need-based software solutions developed by students and faculty.

Through the use of a biometric staff attendance system, HR software, the Student Information Management System (SIMS), feedback system, Faculty Profile Management System (FPMS), CO-PO attainment software, Placement Information Management system, RFID in the library, and KJSIT's Stakeholders Feedback Analysis Portal most key functions in the institute are automated. The entire campus is IT enabled. Additionally, the campus also has a library, a canteen with Wi-Fi, corridors with 355 Mbps Internet, group messaging.

The Somaiya Vidyavihar IT department developed the MyAccount website, which is used for staff management, organization, and administration.

The college tracks staff members' daily arrivals and departures using a biometric attendance system.

The Student Information Management System creates attendance data, and Oracle NetSuite is utilized to administer fees and salaries. Software called Event Management System (EMS) is used to plan seminars and other events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/About/Institute+Handbook/Handbook+2022/11+IT+Policies.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1681	790

File Description	Documents
Upload any additional information	View File

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

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

**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**

C. Any two of the above

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

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)

647.52

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

Administrative Hand Book

- About Institute
- Programs and Departments
- Administrative Policies

Academic & Quality Policy

- Academic Process
- Examination Policy

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

H R & IT Policy

- HR Policies
- IT Policy

Student & Alumni Policy

- Student welfare policies

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.

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

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kjsieit.somaiya.edu/en/handbook

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

647

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

21

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

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

300

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

<p>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</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

191

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

66	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

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

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

66	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

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

9	
File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

KJSIT is proud of its enthusiastic Student Council, which organize major events like annual Technical festival- Renaissance, Cultural Festival- SURGE and sports Festival- Score. The council is formed by a systematic procedure as per the institute's policy. The Dean, students' Welfare along

with the Sports Coordinator, Technical Coordinator and Sports Coordinator select the council with various council posts through interviews. Student council organizes competitions like Hackathons, project competitions, workshops, seminars etc under the supervision of Dean, Students' welfare and technical coordinator. They are actively involved in celebrating all important national events, important international and national Days like Teacher's day and engineers; s Day. Cultural events like Navaratri are also organized by the council. The Council is formed by encouraging gender equality in major Council positions. The academic calendar is prepared based on important activities of the council in consultation with the Dean, Students' welfare, all Coordinators and Council members. Girl students are encouraged to take up important positions to host different events. The council holds regular meetings with all the Coordinators and Dean to organize the events with proper permission by The Principal.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kjsit.somaiya.edu.in/en/student-s-council

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

48

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

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

KJIST is committed to create a dedicated community of Alumni

network to support the institution in form of resources, donations and guest lecturers in its quest to be premier Institution. KJSIT organizes AlumNite, Alumni meet in the month of March/April to felicitate 'Star Alumni' as well as to strengthen the holistic connect with their Alma mater. The major celebration of alumni came from Mr. Rohit Bokade who played a major role in designing the pico satellite, "Somaiya Beliefsat" on 1st January 2024. The feat was achieved with the guidance of ISRO scientists and Dean Research, Dr. Umesh. The success of launching the satellite proved to bring the institute at par with IITs. The major contributions from alumni comes in the form of conducting expert talks, assessing projects and guidance in various fields, providing internships and placements and judging the various competitions of the institute. In 2023-24, 17 internships, 14 placements were provided by the alumni. 59 judged the various events in InTek, project competition. 47 acted as mentors for the major projects and 5 expert talks.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsit.somaiya.edu.in/en/alumni-overview

5.4.2 - Alumni's financial contribution during the year	A. ? 15 Lakhs
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File Description	Documents
Upload any additional information	View File

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

The institute utilizes strategic planning from stakeholders to achieve its vision and mission, executing events that showcase teamwork, leadership, and Trust values..The institution head receives inputsfrom faculty members and department heads during the strategic plan formulation process. The institute ensures all faculty members share a

common goal, promoting leadership and team building. As per the hierarchy every faculty is involved in tasks of planning ,doing ,executing and evaluating the activities showcasing leadership and team building of the governance established in the institute. The institute ensures that all initiatives are inclined towards engineering education to nurture talent and transform young minds to realise their potential and become future ready engineers.

Our strategic plans focuses on:

1. Creating a trained manpower of faculty and students.
2. Applying learned knowledge for developing 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	https://kjsieit.somaiya.edu.in/en/vision-mission

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

The institute is dedicated to promoting interdependencies, transparent coordination, and a decentralized governance culture. Enough authority is given to each department to

carry out the teaching and learning process. The primary decision-maker, the Head of Department (HOD), is supported by the department faculty. Before decisions are taken and the practice is implemented, feedback and suggestions are solicited from all parties involved.

- Faculty members can organize departmental activities and programs, lead teams on various committees, and make operational decisions.
- Planning, organizing, and carrying out various events is encouraged for student chapters and the student council.
- Employees actively take part in planning and events, encouraging a culture of participation and decision-making abilities.

Case study:

The Principal initially decided project seed money, but currently HODs approve and sanction reimbursement for faculty members in workshops, courses, and conferences. Faculty receive annual Department budget allocations for student projects, wherein Heads of Departments (HODs) have 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 based on the nature and scope of the project.

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

6.2 - Strategy Development and Deployment

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

Our organization is set up according to the Plan-Do-Check-Act quality assurance procedures in order to move towards our mission. This requires effective preparation. We develop a strategic plan and solicit feedback from all faculty members to guarantee that everyone has a say in the institute's future goals. The institute-level plan is presented after departmental-level plans. Every year, the institute conducts department reviews. We developed the eight-point strategy growth plan at our institute. The institute's strategic plan is reviewed, suggestions are made, and a final plan is developed during the Governing Body meeting.

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 earning through 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/mandatory+disclosure+2021/2+pg_+8+point+Strategic+Growth+plan+of+KJSIEIT.pdf
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 experts and nominees of the state government, University of Mumbai and UGC are part of it. We practice the principle of delegation of authority. Principal and Vice Principal report to the GB. Establishment of GB, various committees , Academic Council, BOS, Finance Committee etc. ensure smooth and effective conduction of the various activities. Various committees include the faculty, staff and the students. Appointments and service rules are as per University of Mumbai, AICTE ,UGC guidelines and procedure is transparent. Institute complies with University of Mumbai guidelines for approval of faculties.

File Description	Documents
Paste link to Organogram on the institution webpage	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/Organisation%2Bchart Dec %2B12 2023.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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	View File
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 faculty and 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 at superannuation/on leaving the Institute .
9. There is a provision of leave encashment at the time of superannuation/leaving the institute.

Welfare measures for teaching faculty:

1. Sponsorship for higher education.
2. Provision of Accidental Insurance.
3. Financial support for paper presentation, faculty development activities, workshops etc.
4. Seed money for projects, per year is allocated per department for the research.
5. Travelling Allowance is double, for physically challenged person.
6. Institute organizes FDP for career progression.
7. Annual Career Advancement Schemes and Performance Appraisal scheme.

Welfare measures for 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IOAC/2024/welfarescheme.pdf

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

58

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

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

161

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

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.)

161

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The 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.

Institution follows a standard procedure as below:

After quarterly account finalization the internal auditor will check if there is any query in bills, TDS payments, TDS contractor payment and PT 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	View File
Paste link for additional information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Audit+report+compressed.pdf

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)

9

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

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

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.
2. Research grants received from regulatory bodies from AICTE.
3. Sponsorships received from professional chapters.
4. Loan, if needed.
5. Amount received for utilization of infrastructure for exams conducted by NTA like NEET,NET/SET etc,.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Audit+report_compressed.pdf

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 in charge of creating strategies to raise standards across the institution and standardizing current practices.

IQAC does following activities:

- Provides suggestions for improvement of the Institute in areas related to teaching-learning, co-curricular, environment, and extension activities of the Institute and parameters for appraisal of faculty and programmes.
- Organises Workshops and training programs on pedagogy, and accreditation.
- Instrumental in improving the use of ICT by faculty.
- Conducts an internal audit of course files and has made concrete efforts towards implementing outcome-based education, thereby supplementing the activities of the academic committee.
- Provide platform to showcase the talent of students and faculty by organising INtech project competition and International conference (ICAST).
- The department quality cell (DQC) which work along with IQAC monitors the teaching learning process, verifies outcomes, checks whether the assessment is according to Blooms taxonomy, the attainment is verified. Suggestions for improving any gap in the attainment of graduate attributes is provided to departments.
- Syllabus revision as per NEP 2020 guidelines for AY 23-24 and updates to Curriculum are done by involving the Academicians, Industrialists and Alumni as part of Board of Studies. Accreditations of IT department in first cycle of NBA and other two departments Computer Engineering and Electronics and Telecommunication Engineering are reaccredited.

Through these incremental initiatives, we realise the objectives of our Institution.

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

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 implemented microsoft teams in online mode till Feb 2022 for teaching and HOD's are members of all classes to enable random monitoring.
- 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	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the

A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/KJSIT+Year+Book+Jan-Dec+2023revised.pdf
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	View File

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 lead efforts to promote gender equity and awareness. They implement various initiatives to advance gender equality, including the following:

- A clean and safe environment is provided for female employees and pupils by installing CCTV cameras in the campus.
- Boys and girls common rooms are distinct, cozy, and well-ventilated.
- Competitions and Hackathons are encouraged which need at least 1 out of 6 participants to be a female student.
- A VISHAKHA committee has been constituted by the institute for the safety and security of women. The committee's mandate is to safeguard female employees and girls at workplace from sexual harassment.

- Girls and boys are given equal opportunities to head the committees/cells/clubs established such as the student council, NSS, student chapters of various professional bodies (IEEE,CSI etc).
- The Women Development Cell ensures that there is a favorable work environment and that no female employee has any cause to feel that she is not treated fairly at work.
- Seminars like Personality Development and Menstrual Hygiene are organized by the departments, Women Development Cell (WDC) and Vishakha Cell.

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

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

B. Any 3 of the above

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

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

- The institute has successfully implemented waste segregation, separating dry and wet waste. A composting facility is in place where yard waste and wet canteen waste are converted into manure, which is then used in the gardens to enrich the soil.
- The college prioritizes paperless submissions whenever possible, utilizing software developed by the institute to facilitate e-governance without the need for paper.

- No biomedical waste is generated at the institute. In the chemistry labs, waste chemicals are mild and water-soluble.
- To spread awareness about the harmful effects of e-waste, seminars are conducted for e-waste management by the NSS unit.
- Digital boards with messages are used to discourage the use of plastic on campus.
- The canteen facility does not use plastic cups and plates for food serving.
- Stainless steel water bottles are used in offices instead of using plastic.
- E-incarnation Recycling Pvt. Ltd., an MPCB-registered firm, collected 310 kg E-waste from the college.

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

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

C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>B. Any 3 of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

<p>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.</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>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).</p>
<p>The institute nurtures an inclusive, employee-friendly environment where equality and respect are prioritized. The</p>

Student Council and NSS unit actively organize events promoting harmony among diverse cultural, regional, linguistic, and socioeconomic groups. Flagship events like Surge-24, a cultural festival, and Score-24, a sports competition, along with various other activities, foster teamwork and national unity, drawing enthusiastic participation from students.

The NSS unit of KJSIT, in collaboration with Mumbai University and Nakshatra-Marathi Bhasha Vangmay Mandal, celebrated "Marathi Bhasha Diwas" on February 24, 2024. This event emphasized linguistic diversity, promoting appreciation for the Marathi language and literature. Marathi Bhasha Gaurav Din featured mathematician and author Dr. Vivek Patkar as a keynote speaker.

To honor and respect the state of Maharashtra, the Maharashtra Geet is performed prior to any program/event.

Comprehensive two- or three-day training programs on wired robotics, quadcopters, and artificial intelligence are organized for school children of Nareshwadi, Kopergaon, Maharashtra, Sameerwadi-Karnataka by the students of KJSIT's AI-Robotic Cell.

A value based course-Indian Knowledge is curated under NEP2020 FY Syllabus to develop a respectful mindset by students for cultural, regional, linguistic differences.

Street plays are organised by students of NSS to create awareness about societal issues. Blood donation camps are organised by the NSS unit.

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

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

The institute observes significant occasions such as Women's Day, Independence Day and Republic Day, aligning its educational programs with national objectives. Several

activities were conducted to nurture responsible citizens:

- Hiroshima Day Peace Rally : The NSS unit participated in a rally at Azad Maidan, organized by Mumbai Sarvoday Mandal and NSS units of Mumbai and SNDT University.
- Independence Day CelebrationVolunteers organized an event at the college grounds to commemorate India's 77th Independence Day.
- Republic Day Celebration : The Students' Council and NSS Unit collaborated to mark this occasion.
- Blood Donation Camp:Organized in collaboration with Jagjivan Ram Hospital and Lions Club of Shivaji Park.
- Teaching Children Drive : In partnership with Robin Hood Army, NSS volunteers educated 80-90 children in Thane on educational concepts and distributed food.
- Reflective Collar Making: Volunteers crafted handmade reflective collars for dogs with NGO BHUMI to reduce nighttime accidents.
- Red Run Marathon: Over 500 participants joined the event, organized by MDACS, to raise AIDS awareness.
- Two-Wheeler Safety Seminar: Held at the KJSIT Auditorium, the seminar emphasized road safety and helmet use.
- Social Impact projects for NGOs, schools are developed by students helping them to develop understanding of responsibility towards the society and nation at large.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
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 monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and

B. Any 3 of the above

other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

- **Two-Wheeler Safety Seminar (September 21, 2023):** Organized by NSS volunteers at the KJSIT Auditorium.
- **University Foundation Day (July 18, 2023):** Celebrated by NSS volunteers and officials at Churchgate.
- **Hiroshima Day Peace Rally (August 5, 2023):** Attended by NSS volunteers at Azad Maidan.
- **Independence Day Event (August 15, 2023):** Conducted by NSS volunteers at the college grounds to celebrate India's 77th Independence Day.
- **Gandhiji Virasat Event (October 4, 2023):** Participated by NSS volunteers with various colleges at Geeta Hall, Bharatiya Vidya Bhavan, Chowpatty.
- **National Youth Day (January 12, 2024):** Celebrated by NSS volunteers to honor Swami Vivekananda's birthday at Mumbai University.
- **Indian Army Day (January 15, 2024):** Hosted at KJSIT, featuring Major Prajakta Desai, who inspired participants with her 11 years of service experience.
- **75th Republic Day Celebration (January 26, 2024):** Successfully promoted unity, patriotism, and positive citizenship.
- **International Women's Day (March 9, 2024):** Celebrated by the WDC, recognizing women employees for their contributions over the past five years.
- **Marathi Bhasha Gaurav Din & National Science Day**

(February 27, 2024): Organized by Nakshatra-Marathi Bhasha & Vangmay Mandal in association with NSS.

- Engineers' Day and Teachers' Day (September 15, 2023): Recognized faculty achievements, including project development for the institute or external organizations.

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

7.2 - Best Practices

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

1.NSS

The KJSIT-NSS unit is an extension of activities to the higher education system to orient the student youth to community service while they are studying . The sole aim of the NSS is to provide hands on experience to the young students who are fervent in giving back to the society and keen on developing a better, cleaner, safer community The unit organizes activities for the welfare of social causes all through the year.The NSS Unit received an award for its exceptional contribution for voluntary blood donor motivation at railway camps initiatives for the AY 22-24 and AY 23-24.

2.Popularization of latest technology to the school level by AI-Robotic Cell

The students of the AI-Robotic Cell of KJSITorganizes comprehensive 2- or 3-days training programs on Wired Robotics, Quadcopters, and Artificial Intelligence for school students. The program aims to introduce participants to cutting-edge technologies, fostering innovation, practical learning, and a deeper understanding of robotics and AI. They conduct 2/3days of Robotics training in Wired Robotics,

Quadcopter and Artificial Intelligence for 7th, 8th and 9th standard students and conduct competitions among them. Finally, they organize a Somaiya ROBO festival for them.

File Description	Documents
Best practices in the Institutional website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/Best+Practice_23-24_+NSS.pdf
Any other relevant information	https://myalbum.com/album/TaHTfFCWBZnn22/?invite=2beccdc4-0ed4-436f-966e-8e287295e2d4

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)

New Leap Lab: A Hub for Innovation and Technology Development

1. Establishment, Aim, and Objectives: Established in 2017 at K.J. Somaiya Institute of Technology, New Leap Lab focuses on leveraging open-source, cost-effective components, and frugal engineering. The lab engages students and faculty in cutting-edge technology development, emphasizing space-tech, embedded systems, RF communication, and data sciences.

2. Awards and Recognitions:

- Successfully launched Somaiya Beliefsat-0 with PSLV XPOSAT C58 mission (Jan 1, 2024).
- Won 1st Prize in 'Touch the Jovian Moon Lander Mission Design' contest by LPSC-ISRO (2018).
- Received ARISS SSTV Image Award for decoding ISS SSTV images.
- Winners of 'Antenna Making Contest' (LARC), Hyderabad (2020).
- Secured 3rd Prize in Anveshan 2021-22 National Student Research Convention.
- Organized the 1st Somaiya Space Conclave (2020).

3. Collaborations: Partners include ISRO, IN-Space, NSIL, Indian Meteorological Department, and industry leaders like Dhruva Space Pvt. Ltd., SpaceVerse Technologies, and DCUBED (Germany).

4. Projects: Key projects include Somaiya Beliefsat-, Upper Air Sounding System (UASS), and Farmer's Wallet: Weather Prediction Model.

5. Ongoing Projects: Active projects include Beliefsat-0.1, Doordrishti Ground Station, and an AI Conversational System.

6. Future Projects: Plans include advancing satellite technologies, building a large language model, and enhancing Beliefsat with features like SSDV cameras and transponders.

File Description	Documents
Appropriate link in the institutional website	https://kjsieit.s3.ap-south-1.amazonaws.com/IQAC/2024/InstitutionalDistictiveness_23-24_++NLI+Lab.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Center of Excellence to be established at the institute
2. Create expertise for Major Funding and Grants from

Government organizations.

3. Development of courses under Space Science & Technology specializations.
 4. Implementation of NEP2020 Curriculum for Second Year students.
 5. Conduction of International Conference ICAST
 6. Participation of students at National/International Competitions
 7. Oragnize MoUs, academic /non academic Activities, Internships as per NEP 2020 guidelines under the IKS Cell for holistic development of the students
- .