



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

K. S. INSTITUTE OF TECHNOLOGY

NO 14, RAGHUVANAHALLI, KANAKAPURA MAIN ROAD, BENGALURU.

560109

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www.ksit.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

K.S. Institute of Technology (KSIT) is the second technical Institution started by KammavariSangham established in 1952 that is a charitable institution that believes in making technical education amenable to all the sections of society. KSIT was started in the year 1999 with three branches namely CSE, E&C and Mechanical. KSIT always believed in imparting quality education and it has come a long way meeting its goals. After achieving a certain stature, it wanted to consolidate its standing in the field of technical education and hence ventured into adding more branches that was most sought after by the present day aspirants. It now has seven branches that include CSE, E&C, Mech, AI&ML, CSD, CS(IOT) and CCE.

With its desire to become a leading institution, KSIT applied for NAAC and NBA Accreditation. KSIT got its NAAC Accreditation in 2018 and NBA Accreditation for Bachelors in CSE, E&C and Mechanical during 2021. These Accreditations have brought in several benefits to the institution. Systems have been put in place for any activity and every activity that takes place in the institution. Generating reports and their submission to various regulatory authorities has become very easy. Several faculty enrichment and capacity building programs have been launched. Each of the programs are being views from there levels namely – individual, departmental and institutional. How does these programs help all the three levels mentioned?.

All the faculty are encouraged to scout for FDPs that are relevant to their subjects or area of research and are deputed to attend. They are encouraged to register for online courses and obtain its certification. All the faculty are motivated to pursue their PH.Ds and improve their qualifications. This sort of a value addition is found to make our teachers better in their course and content delivery. When more and more qualified faculty are in the department the academic ambience itself would change that would in turn change the entire department. If a few or all departments make a difference among the student community the college can create an identity for itself in the vicinity. Thus, KSIT is keen on applying for the next cycle of NAAC accreditation.

Vision

VISION

“To impart quality technical education with ethical values, employable skills and research to achieve excellence”.

Mission

MISSION

- To attract and retain highly qualified, experienced & committed faculty.
- To create relevant infrastructure.
- Network with industry & premier institutions to encourage emergence of new ideas by providing research & development facilities to strive for academic excellence.
- To inculcate the professional & ethical values among young students with employable skills &

knowledge acquired to transform the society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strength:

1. Location Transport facility, bank accessibility etc.
2. Adequate Infrastructure as per curriculum : Well equipped labs,,ICT enabled class rooms,Well equipped Conference Hall and Seminar Halls
3. Strong academic environment - University ranks, Average package placements
4. NAAC AND NBA accredited for CSE, ECE and MechanicalEngineering
5. Active participation of students in various Technical Bodies of various branches: CSI, IEL, BYTES, ISTE, IEEE, IETE, conducts and attends Seminars, Technical talks, workshops, competitive events attended/ conducted
6. Sound participation of our students excelling in the sports and NSS activities in the institution level
7. Industry Institution Interaction : Consultancies, MoUs, Internship, Industry visit
8. Recognized Research centers in CSE, EC, Mechanical and Chemistry departments
9. 500 MBPS band width internet.
10. Well established library with Good infrastructure, Digital library, Plagiarism checking facility with Turnitin software
11. Adequately qualified and well experienced faculty
12. Well trained and supportive non-teaching staff
13. Well established placement cell which conducts Skill development activities and Personality development training
14. Good Alumni interaction
15. Out Reach Programs : NSS camp, Blood donation, Health camps, School adaption
16. IIC and ARIIA ranking
17. Active participants of students in state and international competitions such as Project exhibition, Hackathon, Developing vehicle
18. Good Number of publication by staff and students
19. Students Funded projects : VTU, KSTCT for students
20. Publication of News letter and Souvenir
21. Rewards and recognitions for achievements of staff and students
22. Mentoring counseling system
23. Excellent Team work by staff and students
24. Disciplined and ragging free environment
25. Active participation in academic and professional boards
26. Capacity to adapt to changes

Institutional Weakness

Weakness:

1. KCET ranking students to be improved
2. Placement of non-eligible students
3. Low consultancy,
4. No Fund generation through research proposals
5. Employee welfare measures are week due to Adequate health and group insurance and Medical leaves
6. Need for Medical center
7. Deficiency in Indoor and outdoor game facility
8. Smart class room
9. Campus automation is limited
10. Development of Center of excellence, incubation center, EDC, IPR cell and start ups
11. R and D development
12. Canteen facility not satisfactory
13. Better maintenance of washrooms needed
14. Salary structure to be improved

Institutional Opportunity

Opportunities:

1. Academic Autonomy to be obtained.
2. Government agencies for research grants to be attracted
3. Better maintenance of Service registers
4. Improvement of Canteen facility to suit all he palates and pockets.
5. Early completion of Auditorium
6. More MOUs with government organizations .
7. Appointment of Professors of Practice.

Institutional Challenge

Challenges:

1. Poor Student input quality
2. Increase sponsorshipsfor student activity
3. Placement Package to be improved
4. Institutional ranking to be improved
5. Aim and Obtain more VTU ranks
6. Attempts to obtain Patents/projects/consultancies
7. Focus on quality and quantity research activities with funds
8. Attracting companies to establish incubation centers
9. Gradual improvement in NIRF Ranking

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

KS Institute of Technology demonstrates a strong commitment to meeting the requirements of Criterion 1 of NAAC by ensuring the quality, relevance, flexibility, and effectiveness of its curricular rigor. The Institution adheres to the affiliating University's curriculum. The faculty prepare the learning materials and lesson plan with the principles of Outcome Based Education. ICT tools and pedagogical activities are incorporated into the course delivery.

KS Institute of Technology has remained steady in its obligation to provide a comprehensive and holistic education to its students. Adhering to this mission is the integration of crosscutting issues relevant to professional ethics, gender equality, human values, environmental awareness, and sustainability throughout the curriculum. The Constitution of India and Professional Ethics, Environmental Studies, Energy and Environment, and Universal Human Values are regularly taught in class.

The Institution encourages students to up hone their knowledge through online certification courses. The institution also provides value-addition to the students every semester in the form of guest lectures and other experiential learning opportunities.

KSIT acknowledges the importance of offering diverse learning platforms to its students. To achieve this, the institute provides elective courses, interdisciplinary studies, and opportunities for industry internships and projects. This approach allows students to channelize their learning experience according to their interests and career goals.

The curriculum includes courses and activities that foster creativity, critical thinking, and problem-solving skills. Additionally, the institute encourages students to engage in research and development projects, thereby contributing to the advancement of learning in their respective fields.

KSIT also focuses on the effective implementation and evaluation of the academic programs. Feedback from students, faculty, alumni, and experts from user systems is taken into consideration for continuous improvement.

The institution evinces a strong commitment to meet the requirements of Criterion 1 of NAAC by ensuring the quality, relevance, flexibility, and effectiveness of all its curricular aspects. Through its innovative approach to curriculum design and implementation, KSIT prepares its students to excel in a dynamic and competitive global environment.

Teaching-learning and Evaluation

KSIT gives emphasis on teaching, learning, and evaluation processes. Good initiatives are taken for student enrolment and diversity and required support for students from various backgrounds. The teaching-learning process is highlighted as student-centric, incorporating innovative methods like experiential, collaborative, participative learning and the use of technology to enhance understanding of basic fundamentals. The quality of teachers, their qualifications, and their commitment to education are monitored, alongside the evaluation processes that ensure transparency and fairness. The institution's efforts to track the student performance and learning outcomes, demonstrate a commitment to academic excellence and student satisfaction as well. Through surveys and feedback mechanisms, institution recurrently seeks to improve its educational aids and adapt to the needs of its students, aiming to provide an enriching and comprehensive educational experience.

Research, Innovations and Extension

KSIT is dedicated to serve the society by achieving excellence in higher technical education, research, innovation, extension activities to benefit society. To achieve its mission, the institution provides planned financial, technological and infrastructural support to faculty members and students to provide solution to challenges of advances in research, innovation and extension.

The institution has four R& D centers to carry out quality research. The Institute regularly organizes various workshops, knowledge enhancement programs on cutting edge technologies for both staff and students.

The R&D centers motivate faculty members and students to understand cutting-edge research, innovations and incubation, to undertake research projects and submit proposals to various funding agencies/sponsors, support collaborative and interdisciplinary research, consultancy projects and ascertain quality research work. It also motivates faculty and students to publish their research in peer reviewed journals.

The institution also has IPR & IEDC Cells to kindle and support startup activities among its students. These cells conduct various activities by inviting experts to motivate & trigger entrepreneurial skill sets among students. Many activities like Ideathon, Hackathon and many more are organized to create platform for budding entrepreneurs to showcase their talent.

Institution has a dedicated National Social Service (NSS) cell and this takes care of various activities in campus as well as in its neighborhood community. The NSS regularly organizes Camps to nearby villages to educate them about Cleanliness, Digital Literacy, Waste Management etc. The ASH committee & WIE-IEEE student branch organizes several events for women empowerment. The NSS cell and WIE IEEE KSIT Student branch has undertaken various activities like tree plantations, blood donation camps, environmental awareness programs, cleaning drives, awareness programs on social issues (like dowry, gender equality, girl education, nutrition) etc. in college campus, nearby villages and primary schools.

Institution has adopted five Government schools and has taken complete responsibility to improve the same.

Infrastructure and Learning Resources

K.S. Institute of Technology has maintained moderate campus with many green initiatives across its 4.3 acres of land. This space ensures abundant availability and effective utilization of available physical infrastructure to enhance the quality of teaching and learning experiences.

Thirty three ICT supported spacious classrooms with Wi-Fi connectivity (high-speed 500 Mbps City Online and 200 Mbps BBNL Broadband), are utilized for effective classroom teaching.

Six Seminar Halls that are dedicated and used to conduct co-curricular activities and encourage students to engage actively in paper presentations, group discussions, and related activities.

Separate tutorial rooms are available to clarify doubts and offer special remedial classes for students who require additional academic assistance.

All laboratories are equipped with the latest equipment and amenities with internet facility, adhering to AICTE

and VTU guidelines. Computer labs are equipped with both open-source and licensed software to cater to curriculum and industry-aligned teaching requirements.

The library is spread over two floors with an area of 950 sq. mts. with a seating capacity 200 at a time. The library has a collection of about 36,669 volumes. It ensures a seamless exploration and access to scholarly resources, catering to faculty, students and research scholars. Additionally, the library holds CDs/DVDs of books and technical periodicals. The library actively participates in VTU Consortium, DELNET and the NDLI.

The College provides a range of sports facilities including an indoor games like Table Tennis, Chess, Carom and Badminton and outdoor games like Throw ball, Badminton, Kabaddi, Mini Cricket, Basket ball, Volley ball, Kho-Kho, Mini Football and a well-equipped indoor gymnasium. These facilities are scattered across its two campuses.

Student Support and Progression

Student support and Progression plays key role with many schemes, financial support, mentoring, encouragement, valuable guidance for the students. These initiatives greatly help in the overall holistic development of a student in various dimensions such as academics, interpersonal skills, technical, soft skill enhancement and ethical values. Students of KSIT are getting scholarship benefits under various schemes by Government and other Organizations. Institute also encourages students by providing fee concession and cash prizes for bright students. VTU Rank holders and outgoing students who score 90% and above will be felicitated with a Gold medal.

Since placement training is very essential to improve the aptitude and soft skills, regular training and assessment tests are conducted starting from first year. Students are also encouraged to pursue higher studies. Eligible students are placed in various companies.

The active participation and achievements of students in sports, cultural activities, at both University and zonal level tournaments and competitions, clearly indicate the encouragement, training and support extended by the KSIT sports department and cultural committee. Annual sports meet is conducted in the college every year apart from VTU level intercollegiate tournaments hosted in KSIT

There are institution level committees to address problems of students, if any, namely Anti Sexual Harassment Committee, Grievance committee, Anti Ragging Committee and College Internal Complaint Committee (CICC).

Institute has a registered alumni association with office bearers and functions according to its bylaws. It will frequently conduct meetings and assist the technical events of the institution in which alumni of all departments take leading role. It contributes for the development of the Institution by extending help in training the students for Hackathons and BAJA competitions. Alumni of Mechanical Engineering donated a Toyota engine for demonstration purpose.

Governance, Leadership and Management

The institution is obligated to uphold effective governance and transparent management practices that align with its defined vision and mission and with an objective of high-quality technical education. Infrastructure is

regularly updated, holistic education is provided to students with ethical values and provide employable skills to take-up responsibilities for a better society.

The Management Committee receives support from an Academic Advisory Board chaired by a former Vice Chancellor of VTU, alongside two acclaimed academicians and one industrialist, CEO, facilitating a bridge between the Advisory Board and the Management.. The strategic plan is developed and submitted to the Academic Advisory Board by Institution for their vetting and recommendations and then taken to the Management for approval.

Financial support is extended to faculty and students participating in conferences and workshops. Thoughtful welfare measures are in place for the well-being of the staff. The FDP/SDP training programs are conducted to upgrade skills of faculty and staff.

A transparent performance evaluation system has been in place both at the departmental and Institutional levels. The appraisal process includes the Self-Assessment data form submitted by the faculty in the prescribed format which contains information about overall performance. The HOD reviews the data in the self appraisal form and evaluates the faculty performance and submits to the Principal with appropriate recommendations. The Principal collects all faculty appraisal forms from all the departmental heads and discusses with the individual faculty in the presence of the CEO and guide the faculty on how they could perform better.

Financial resources are judiciously allocated in accordance with the budget to ensure the institution's efficient functioning. The management enforces a well-defined mechanism for financial requirements and expenditure through systematic internal and external audits that regulate all fiscal aspects.

IQAC remains dedicated in its pursuit of continuous quality enhancement in training programs, events conduction and academic excellence. This self-regulating mechanism constantly monitors academic processes, feedback system and follow-up.A rigorous audit mechanism assures compliance with academic and administrative procedures and ongoing improvements.

Institutional Values and Best Practices

KS Institute of Technology has embraced a robust framework that focuses on good governance, effective leadership, and thoughtful management ensuring a culture of excellence, transparency, and continuous improvement.

At KS Institute of Technology, institutional values are deeply ingrained in its ethos, guided by principles of integrity, accountability, inclusivity, and innovation. These values serve as the foundation for the institution's policies, practices, and decision-making processes. Upholding integrity, KS Institute fosters an environment of academic honesty, research ethics, and professionalism among its stakeholders. Accountability is promoted through transparent governance structures, where responsibilities and expectations are clearly defined and upheld. The institution actively promotes diversity and strives to create a welcoming and inclusive environment for students, faculty, and staff. Innovation is also encouraged, with KS Institute fostering a culture of creativity, entrepreneurship, and interdisciplinary collaboration to address societal challenges and stay abreast of technological advancements. The institution's leadership demonstrates a strong commitment to institutional values by integrating them into strategic planning, decision-making processes, and resource

allocation. National festivals, National Service Scheme (NSS) helps students to create a common platform that brings together students and educators from diverse backgrounds .

Stakeholder Engagement: KS Institute actively engages stakeholders, including students, faculty, staff, alumni, and industry partners, in governance and decision-making processes. The primary objective is to provide opportunity for students to showcase their innovative ideas.

Capacity Building: The institution invests in faculty and staff development programs to enhance their leadership skills, ethical awareness, and proficiency in governance practices. Training sessions, workshops, and seminars are organized to promote continuous life long learning and improvement. This initiative aims to cultivate a vibrant atmosphere nurturing holistic and all round developments. Programs like National Level Smart India Hackathon, conducted by MHRD, Red line Racing organized by SAE India etc are the few to mention.

By aligning its institutional values with the principles outlined in Criterion 7 of NAAC and implementing best practices in governance, leadership, and management, KS Institute of Technology demonstrates its commitment to excellence, integrity, and continuous improvement in higher education.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	K. S. INSTITUTE OF TECHNOLOGY
Address	No 14, Raghuvanahalli, Kanakapura Main Road, Bengaluru. 560109
City	Bengaluru
State	Karnataka
Pin	560109
Website	www.ksit.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	DILIP KUMAR K	080-28435724	9606064187	080-28435723	principal@ksit.edu.in
Professor	REKHA B V ENKATAPUR	080-28435722	9740295819	080-28435723	rekhabvenkatapur@ksit.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Karnataka	Visvesvaraya Technological University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	26-09-2018	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-05-2023	12	EoA EXTENSION OF APPROAL
AICTE	View Document	15-05-2023	12	EoA EXTENSION OF APPROAL
AICTE	View Document	15-05-2023	12	EoA EXTENSION OF APPROAL
AICTE	View Document	15-05-2023	12	EoA EXTENSION OF APPROAL
AICTE	View Document	15-05-2023	12	EoA EXTENSION OF APPROAL

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	No 14, Raghuvanahalli, Kanakapura Main Road, Bengaluru. 560109	Urban	3.88	22679

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	180	180
UG	BE,Electronics And Communication Engineering,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	120	120
UG	BE,Mechanical Engineering,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	60	17
UG	BE,Artificial Intelligence And Machine Learning,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	60	60
UG	BE,Computer Science And Design,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	60	59
UG	BE,Computer Science And	48	PUC with PCMB or PCME or	English	60	59

	Engineering Iot Cyber Security Including Blockchain Technology,		PCMC or DIPLOMA			
UG	BE,Computer And Comm unication Engineering,	48	PUC with PCMB or PCME or PCMC or DIPLOMA	English	60	59
PG	Mtech,Comp uter Science And Engineering,	24	BE or BTech	English	18	1
Doctoral (Ph.D)	PhD or DPhil ,Computer Science And Engineering,	48	ME or MTech	English	25	0
Doctoral (Ph.D)	PhD or DPhil ,Electronics And Commu nication Engineering,	48	ME or MTech	English	25	0
Doctoral (Ph.D)	PhD or DPhil ,Mechanical Engineering,	48	ME or MTech	English	25	0
Doctoral (Ph.D)	PhD or DPhil ,Chemistry,	48	MSc	English	12	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	15				24				66			
Recruited	7	8	0	15	14	10	0	24	21	45	0	66
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				79
Recruited	34	45	0	79
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	14	19	0	33
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	8	0	4	8	0	3	3	0	33
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	10	2	0	18	42	0	72
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	277	20	0	0	297
	Female	267	17	0	0	284
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	1	0	0	0	1
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	18	15	13	7
	Female	20	14	11	4
	Others	0	0	0	0
ST	Male	2	8	2	3
	Female	6	6	1	0
	Others	0	0	0	0
OBC	Male	215	233	156	99
	Female	193	213	139	104
	Others	0	0	0	0
General	Male	63	83	48	39
	Female	67	47	37	41
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		584	619	407	297

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The Institute is affiliated to Visvesvaraya Technological University (VTU) Belgavi and recognized by All India Council of Technical Education (AICTE) New Delhi and approved by Government of Karnataka. VTU adopted CBCS and started implementing NEP from the year 2021. National Education Policy (NEP) has a forward – looking vision for India’s higher education system that would aim to develop all capacities of human beings -intellectual, aesthetic, social, physical, emotional, and moral in an integrated manner. K.S. Institute of Technology has embarked in the field of technical education at the undergraduate level since 1999. The University has designed new</p>
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Curriculum (2021- 2022 Scheme) as per directions of the National Education Policy – 2020 and industry needs. The features of this curriculum are flexibility, multidisciplinary, interdisciplinary including student – centric learning with emphasis on experiential learning, project based learning, creativity and innovation. The Industry-driven and skill-oriented curriculum gives an opportunity to students to select electives based on their own interest and skill sets required to become both employable and self-employed. The revised curriculum implemented by the university in the year 2022-23 including multidisciplinary/ interdisciplinary courses are as per Outcome Based Education (OBE). The curricula are classified into following four verticals, Civil Engineering Stream, Computer Science & Engineering Stream, Electrical & Electronics Engineering Stream and Mechanical Engineering. The curriculum has integration of Humanities and Science with STEM. The university has introduced various courses that include Skill Enhancement Courses (SEC), Ability Enhancement Courses (AEC) and Humanities, Social Sciences and Management Courses (HSMC), Multi-disciplinary courses such as Scientific foundation for Health, Social connect and Responsibility, Innovation and Design Thinking, Biology for engineers, environmental sciences, along with Open and Professional electives. As per NEP 2020, NSS, Physical Education and Yoga was also part of the curriculum framed by University. The University has included Kannada as a mandatory credit course inline with Indian knowledge system as per NEP 2020. The Institution adheres to the objectives of its Quality Policy and ensures a holistic, multi- disciplinary approach, to disseminate knowledge in accordance with the curriculum framework by the VTU.

2. Academic bank of credits (ABC):

Government of India, under the New Education Policy 2020 has launched the Academic Bank of Credits scheme. Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains information of the credits earned by individual student through his or her learning journey. ABC can be considered as an authentic reference to check the credit record of any student at any given point of time. K. S. Institute of Technology, Bengaluru has registered for ABC (Academic Bank of Credit), under the Ministry of

	<p>Education. ABC IDs have been generated for all concerned students which will boost the efficiency of faculty and help students embrace a multi-disciplinary educational approach. The Institute is affiliated to VTU and as per its instructions the university login credentials are used to upload students credit points obtained in the academic year 2022-23 in ABC. Institute also encourages its students and faculty to register for e-learning certification courses such as SWAYAM – National Program on Technical Enhanced Learning (NPTEL), Massive Open Online Course(MOOC), Coursera, etc., offered by institutions of national importance.</p>
<p>3. Skill development:</p>	<p>K. S. Institute of Technology is committed to nurturing all- round professionals who are equipped with both technical expertise and practical skills. To achieve this goal, our institution offers a range of skill development programs that complement the academic curriculum. These programs concentrate on both hard skills as well as soft skills and are designed to enhance students' employability and prepare them for the challenges of the modern workforce. The curriculum of VTU has been developed in a manner that reflects a deep sense of respect towards the fundamental duties and Constitutional values, bonding with one's country, and a conscious awareness of one's roles and responsibilities in a changing world. The Institution has organized numbers of webinars /seminars /activities and encouraged faculty and students to inculcate universal human values. Further to that, many of our faculty members are trained on "Universal Human Values", a program conducted by AICTE. Skill development is an integrated process, which requires careful mapping of interests, and aptitudes of students, with industry and market demand. The Institution has actively interfaced with professional bodies like ISTE, IETE, IEEE, CSI, IEI, SAE, BITES and student clubs – Aenfinity (AIML), Firefox (CSE), Elite (CSD), Echelon (CCE), Metanoia(CSE-ICB) Garut - Aerobotics(ECE), Emanation (ME) and BAJA. Under the banner of these Profession Bodies and student clubs various competitions are organized to enhance skillset of students through design, coding, Debugging, Hackthons and Product development. As a proof of skill development students of our institute participated in various</p>

national and state level competition and brought the laurels' to the institute. Technical Training and Pre-placement Seminars: The institute regularly organizes technical training and seminars in collaboration with industry experts. These events provide students with hands-on experience and exposure to the latest trends and technologies in their respective fields. Soft Skills Training: In addition to technical skills, the institute places a strong emphasis on soft skills development. Communication skills, teamwork, problem-solving, and leadership abilities are honed through workshops, mock interviews, and personality development sessions. Industry-Relevant Certifications: K S Institute of Technology partners with leading industry organizations to offer certification programs. These certifications are recognized by employers and add significant value to students' resumes. Internship Opportunities: The institution facilitates internships with reputed companies, allowing students to apply their knowledge in real-world settings. This hands-on experience is invaluable in bridging the gap between academia and industry. Awareness on Higher Education: K. S. Institute of Technology recognizes the importance of pursuing higher education for career advancement and personal growth. To this end, it offers various resources and support services to guide students in making well informed decisions about their academic future. Regular seminars are conducted to educate students about the various higher education pathways available, both nationally and internationally. Career Counseling & Awareness Program on Higher Education (India and Overseas): KSIT provides personalized guidance to students regarding higher education options, including postgraduate studies and specialized courses and also organize awareness session on GATE, GRE TOEFL and other competitive exams.

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

The institution adheres to the framework of the VTU curriculum, where the Indian Knowledge system is integrated with the curriculum as mandatory credit courses such as Samskrutika Kannada for students who speak, read and write Kannada and Balake Kannada for non-Kannada students. These courses familiarize both Kannada and non-Kannada students and educate them about the culture, literature and history of Karnataka and Kannada. Institute celebrates Kannada Rajyotsava also known as

	<p>Karnataka foundation day, serves as a reminder of rich culture and historical heritage of Karnataka and fosters a sense of unity and pride among students and staff. The Institute inculcates Indian culture and values through the participation of the students in university level as well as institution level youth festivals. The Institution also offers Yoga lessons during the orientation program for first year students, and also encourages students to inculcate Yoga as part of their daily routine. The Institution also celebrates the International Yoga Day with students and staff actively taking part. As part of the cultural activities, the institution encourages students to participate in various intra-and inter-collegiate cultural fests. “ANANYA”–the annual cultural fest will cover the vibrancy of several Indian languages, thus providing a platform for the students to exhibit their talents in various cultural events such as classical dance, classical music, instrumental music, essay writing and debate in regional languages, etc. This fosters love for the country’s rich heritage, and develops a strong sense of cultural identity both among the participants and audience alike, thereby promoting the Indian ethos. As a part of the subject Social Connect and Responsibility a heritage walk to “Janapada Loka” Ramanagar District, Karnataka, was organized by the institute on 27-02-2023 .</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>Education and training are effectively delivered through OBE that gives a comprehensive understanding of the knowledge and skills that students have acquire through the curriculum. OBE is a student-centric teaching-learning methodology in which the course delivery and its assessment are planned to achieve the stated objectives and outcomes of the individual courses. The institute educates the students on the objectives and outcomes for every courses. The program objectives and outcomes prescribed by the university are made available to all the students. Specific outcomes are communicated to students during classroom discussions, guest lectures, and practical's. Institute encourages / motivates students to take certification courses like NPTEL (National Program on Technology Enhanced Learning) / Coursera and earned credit points are considered for CIE. Various committees such as Internal Quality Assurance Cell (IQAC),Department Advisory Committee (DAC) and</p>

Program Assessment Committee(PAC), have been formed by including stake holders from Students, Staff, Alumni, Industry and Parents. These committees guide and monitor the successful implementation of OBE. Institute organized OBE based FDP and workshops, awareness programs for faculty and students. Defining a clear and future-oriented mission statement is indeed a critical first step in implementing Outcome-Based Education (OBE). The mission statement serves as the guiding principle for the institution and should align with four levels of the outcomes of OBE – Course Outcomes(COs), Program Outcomes(POs), Program Educational Objectives(PEOs) and Program Specific Outcomes (PSOs). Various surveys from stake holders namely Students, Staff, Alumni, Industry and Parents of KSIT are conducted as suggested in a strategic approach. Pooling inputs from these stakeholders allow for a more comprehensive understanding of the educational landscape. Once the data is collected, it is analyzed to identify common themes, goals, and aspirations. This analysis also enables the institution in preparing students for the future workforce and to design teaching-learning-evaluation methods. The desired goals is attained through assessment tools such as Continuous Internal Evaluation (CIE) which includes Assignments and online certifications, Internal test, Quiz, projects, seminars, activities, laboratory assessments and Semester End Examination(SEE) conducted by University.

6. Distance education/online education:

At present KSIT is not eligible to offer Distance education/online education courses. Massive Open Online Course (MOOC) are available at free of cost for students and faculty. VTU has adopted NEP and as part of this, online courses are made mandatory for PG students. To get BE Honours degree the undergraduate students should earn 18 or more additional credit points by completing NPTEL certification courses. These certifications help the students to enhance their skill set and make them more employable. The Covid-19 pandemic has brought revolutionary changes in the teaching learning methodology. The Institution has successfully imparted all its course contents in online mode during the pandemic (2019-2021). The College has organized Online Webinars on variety of topics

which were attended by students, researches and scholars. Teachers and students are encouraged to participate in online training program and internships(Internshala) conducted by the reputed institutions. Teachers have contributed their expert Knowledge through Microsoft Teams and similar online platforms. E-resources were made available in the College library for the students and faculty for advanced learning.

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Electoral Literacy Club (ELC) has been functioning from 2021 and it is attached with National Service Scheme (NSS) of the institute. Primary objective of this club is to sensitize and create awareness among the student community about their democratic rights. The Chairperson of the Electoral Literacy Club (ELC) is the Principal of the institute and NSS officer is functioning as faculty coordinator along with student coordinators. The constitution of the current committee is as follows. i. Dr. Dilip Kumar Principal – Chair-Person ii. Mr. Naveen V, Asst. Professor, NSS Program officer - Coordinator iii. Ms. Lakshmi C, Asst. Professor - Manager iv. Mr. Gurudeep R , Student – Coordinator v. Ms. Hrithika S, Student – Coordinator vi. Mr. Kumar K G, Student - member vii. Ms. Varsha Jaykumar, Student - member</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>• Yes, student's Co-ordinator and faculty Co-ordinators are appointed by the head of the Institution. • The Objectives of ELC are as follows: i. To involve the dynamic ELC members for taking initiative to disseminate about the electoral literacy among stakeholders. ii. To take the responsibility of registering the students who attain the age of 18 years. iii. 'Right to Vote' awareness is created among students, faculty members. iv. To educate new voters about usage of Electronic Voting Machine and VVPAT and maintain the confidentiality and Integrity. v. Initiate critical thinking about elections, rights of Indian Citizen, electoral system and its processes. vi. To encourage a culture of participation in election and maximize voting in the election. Students are informed about the ethical voting and follow the motto 'Every vote counts' and 'No Voter to</p>

	<p>be Left Behind' vii. To celebrate the festival of democracy, the constitution day and voters day. The report of the activities conducted is published on the website in the following link: https://ksit.ac.in/images/1704261215337_image.pdf • The ELC club adheres to the commitment, ethics and good character is inculcated in every member of KSIT.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Electoral Literacy Club (ELC), organized voter awareness and promoted importance of ethical voting among the students of KSIT. ELC Club initiatives include i. Pledge to students regarding “Right to Vote” ii. Awareness Program conduction regarding “Right to Vote” iii. Helping BBMP, Bangalore in registration of new voters after attaining 18 Years. iv. Awareness program is organized about use of EVM. v. Promotion of ethical voting.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>KSIT encourages UG, PG and research projects related to elections. Students design and implement both hardware and software Projects as part of their curriculum and publish their work in the refereed Journals & Conferences. They also file patents and get their work patented. Journal Publications – i. Mrs. Pallavi K N ,Praveen Kumar K,P Sai Ram, Rakshith Kumar N, Pavan P “Blockchain Based E Voting System” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162. https://www.jetir.org/view?paper=JETIR2204251 ii. Nandan Gowda, Jayam Haresh, Tharun Ashik B N& Deepak Lamini Smart Voting System using Face Recognition, International Research Journal of Engineering and Technology, (IRJET), Vol 07, No. 08 Aug2020, pp: 1463-1467, e-ISSN:2395-0056, pISSN: 2395-0072 iii. Gowtham R, Harsha K N, Manjunatha B, Girish H S and Nithya Kumari R, Smart Voting System, International Journal of Engineering Research & Technology (IJERT) International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 http://www.ijert.org IJERTV8IS040257 (This work is licensed under a Creative Commons Attribution 4.0 International License.) Published by : www.ijert.org Vol. 8 Issue 04, April-2019 https://www.ijert.org/research/smart-</p>

	<p>voting-system-IJERTV8IS040257.pdf iv. Dr.Rekha.B.Venkatapur, Prabhu B, Navya A, Roopini R, Sai Niranjana A S “Electronic Voting Machine Based on Blockchain Technology and Aadhar Verification”, International Journal of Innovations in Engineering and Science (IJIES), 2018, Volume 3, Issue 3, e-ISSN- 2456-3463 https://www.ijies.net/finial-docs/finial-pdf/270318333.pdf Conference Publication: i. Nidhi S, Monisha B K, Nisarga K N, Anila and Dr. P N Sudha, Fingerprint based voting system- with OTP verification, National Conference on Recent Innovations in Engineering-2022 ISBN-978-81-929425-0-6 Patent: i. Dr. Dinesh Kumar D S, Mr. Satish Kumar B and Mr. Dileep J, Title of invention “AN ELECTRONIC VOTING MACHINE”, patent office Government of India applied on and published on 1st October 2021 with IPR number 202141041370.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>As per the directions and formats given by Deputy Election Commissioner, BBMP, Bangalore, the details of students who all are above 18 years of age as on 1st April of every year along with cumulative count of students enrolled newly are furnished with reference numbers to the concerned authority.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1558	1351	1389	1466	1585

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 146

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
83	73	76	86	95

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
338.4354	258.4272	143.51146	234.01708	307.9318

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

K S Institute of Technology (KSIT) is affiliated to Visvesvaraya Technological University, Belagavi, and is approved by AICTE. The Institution has embarked on a transformative journey over the years, focusing on enhancing curriculum planning and delivery to meet the evolving needs of the education landscape. Through concerted efforts and strategic initiatives, KSIT has streamlined these processes, ensuring a holistic approach to education delivery.

At KSIT, developing an academic calendar is not merely a routine task but a strategic endeavor to optimize learning outcomes. The institution has embraced a proactive approach to academic calendar development aligning with the university's calendar of events. A comprehensive academic calendar is formulated encompassing key academic events, and Internal assessment schedules. This strategic alignment ensures efficient utilization of resources and facilitates the seamless execution of academic activities.

Based on the expertise and course preferences of the faculty, the courses are allocated. The Institution adheres to the University's curriculum. The faculty prepare the learning materials, and lesson plan with the principles of Outcome Based Education. ICT tools and pedagogical activities are incorporated into the course delivery. Faculty Development Programs and Workshops are regularly organized to enhance the knowledge of the faculties. Mentors are assigned to students to continuously monitor the students' progress.

Recognizing the limitations of traditional examination-centric evaluation methods, KSIT has placed a strong emphasis on continuous internal assessment mechanisms. Through the implementation of regular assessments such as quiz, assignments, and projects, students are engaged in active learning experiences that promote deeper understanding and critical thinking. Faculty members play a pivotal role in designing assessment tools that align with course objectives and cater to diverse learning styles. Moreover, the institution has adopted an efficient and transparent evaluation process.

The journey towards enhancing curriculum planning and delivery at KSIT has been marked by a culture of institutional learning and growth. Feedback mechanisms, both from students and faculty, are actively solicited and incorporated into decision-making processes. Continuous professional development programs are organized to empower faculty members with the latest pedagogical techniques and technological advancements. Furthermore, the institution engages in exercises to benchmark against best practices and emerging trends in higher education. This culture of continuous improvement ensures that KSIT remains at the forefront of educational innovation and excellence.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 171

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 50.59

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1394	594	1050	328	352

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

K.S. Institute of Technology has remained steadfast in its commitment to providing a comprehensive and holistic education to its students. Central to this mission is the integration of crosscutting issues relevant to professional ethics, gender equality, human values, environmental awareness, and sustainability throughout the curriculum. Through a combination of innovative pedagogy, community engagement, and strategic partnerships, K.S. Institute of Technology has emerged as a leader in preparing students not only for successful careers but also for responsible citizenship in a rapidly changing world.

At the heart of the K.S. Institute of Technology's approach is a recognition of the interconnectedness of global challenges and the role of education in addressing them. By integrating crosscutting issues into the curriculum, the institution equips students with the knowledge, skills, and values necessary to navigate complex ethical dilemmas, promote gender equality, uphold human rights, and contribute to environmental sustainability.

KS Institute of Technology recognizes the importance of ethical conduct in all professional endeavors. Through specialized courses, and experiential learning opportunities, students are encouraged to critically examine ethical issues relevant to their chosen fields. By instilling a strong ethical foundation, the institution prepares graduates to uphold the highest standards of integrity and accountability in their professional lives.

Promoting gender equality is a core value at K.S. Institute of Technology. The institution is committed to creating an inclusive and supportive learning environment where all students have equal opportunities for success. Through initiatives such as gender sensitization workshops, mentorship programs, KS Institute of Technology strives to break down barriers and empower students of all genders to pursue their academic and career aspirations without discrimination.

Central to the educational philosophy of K.S. Institute of Technology are the principles of compassion, empathy, and social responsibility. Through interdisciplinary courses and community service projects,

students are encouraged to cultivate a deep appreciation for the inherent dignity and worth of every individual. By fostering a culture of respect and understanding, the institution nurtures graduates who are not only technically proficient but also ethically grounded and socially conscious.

As stewards of the planet, the K.S. Institute of Technology recognizes the urgent need to address environmental challenges and promote sustainability. Through hands-on research projects, campus initiatives, and partnerships with environmental organizations, students are encouraged to explore innovative solutions to pressing environmental issues. By incorporating principles of sustainability into the curriculum, K.S. Institute of Technology prepares graduates to be leaders in building a more sustainable and resilient future.

The Constitution of India and Professional Ethics, Environmental Studies, Energy and Environment, and Universal Human Values are regularly taught in class.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 44.74

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 697

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 68.33

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
541	349	269	254	317

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
618	474	474	474	492

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 58.45

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
91	57	44	51	51

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
120	92	92	92	107

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 18.77

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The instructional approach at our institute aligns with the academic calendar, incorporating pedagogical initiatives to enhance learning. These methods encompass real-world examples, collaborative learning, and quality laboratory experiences involving experiments, observation recording, and data analysis. Each department has implemented measures to address identified curricular gaps, including guest lectures, technical talks, seminars, workshops, soft skill training, and industrial visits.

Internships play a pivotal role, urging students to engage in industry and R&D center placements to gain insights into industry practices. The institute follows the VTU scheme, introducing a mandatory internship to provide students with valuable industry exposure.

Faculty members employ various teaching methods, such as lectures, interactive sessions, project and fieldwork, computer-assisted methods, and experiments. Information and Communication Technology (ICT) methods are integrated to deliver course content, complementing traditional blackboard presentations, particularly in mathematics and numerical-based subjects.

Projects serve as catalysts for stimulating student interest, fostering independent thought, and facilitating the exchange of diverse perspectives. The students are encouraged to solve real-time problems. Students will take part in BAJA, GOKART, HACKATHON activities where they involve themselves in the design, fabrication and testing of the vehicle according to the norms specified by SAE, programming skills are exhibited and recognized in the national level. Wi-Fi-enabled classrooms, LCDs, language labs, and smart classrooms support ICT-enabled teaching, reflecting the institute's commitment to modern pedagogy. Interactive methods, including group discussions, role-play, quizzes, news analysis, educational games, and discussions on current affairs, enhance student engagement.

Integrating ICT-enabled tools into the teaching-learning process enhances engagement and understanding by providing dynamic multimedia content, interactive simulations, and real-world applications that cater to diverse learning styles.

The following ICT tools are used by the Institute

1. Projectors: All the classrooms and laboratories are equipped with Projectors and Screens.
2. Desktop and Laptops: All laboratories are equipped with Desktops with high-speed Wi-Fi and LAN connectivity.
3. All the study material is uploaded on the respective department pages on the website after the critique review of the teaching learning methodology.
4. Photocopier, Printers and Scanners: They are installed at HOD Cabins and all prominent places in the institute.
5. Seminar Halls: Seminar halls are equipped with all-digital facilities such as a mike, projector, cameras and computer system.
6. Digital Writing Pads: Most of the faculty are using digital writing pads for effective online teaching.
7. Virtual labs: The students are provided with access to Virtual Lab (<https://www.vlab.co.in/>), for remote experimentation.

9. Online Quizzes are used for subject assessments and online competitions are organized with various ICT.

9. MOOC Platform: NPTEL (<https://onlinecourses.nptel.ac.in/>), Coursera (<https://www.coursera.org/>), edX (<https://www.edx.org/>) SAP, Udemy etc.

10. Digital Library resources: Institution has a digital library. All the learning resources are available to access. National Digital Library (<https://ndl.iitkgp.ac.in/>), National Knowledge Network (<http://nkn.gov.in/>), and VTU consortium for the access of research papers.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 87.69

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
96	93	93	93	96

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 23.97

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
25	25	19	15	15

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The institute follows rules and guidelines regarding the evaluation process as per the affiliating University. The academic calendar is prepared at the beginning of each semester and is made available on the college website and on noticeboards of the departments. As per the academic calendar, a student has to appear in three Internal assessments (IA) in each subject per semester.

The IA is centralized at the institution level and is executed by the IA committee consisting of coordinators from all the departments and the Academic Coordinator nominated by the principal. The process is as detailed below:

Question paper setting: The Course Owners prepare two sets of QPs and Schemes of Evaluation for their respective courses. The question paper, scheme and solution are scrutinized by the senior faculty identified by the HoD and one will be selected by the Principal for IA conduction.

Conduction of the IAs: Time table, invigilation duties and seating arrangements are prepared by department IA coordinators in association with Academic Coordinator, which will be in line with the academic

calendar. After test, blue books are submitted to the department for evaluation and will be completed within a week.

The faculty coordinator prepares presentationschedulesfor the assessment of seminars,internships and projects,and arecommunicated to students. Students present their work and submit the report to the pannel for evaluation.

The faculty members handling lab courses schedule lab tests and conductas per the calendar of events for assessment. Assignments and activity are also evaluatedfor internal assessment.

The institute has an efficient mechanism to deal with examinationrelated grievances which is transparent in the pattern and conduction of CIE and rectification of grievances is time bound.

College level :

- Grievances with respect to internal assessment evaluation are addressed by the concerned course teacher within a week after the completion of internal assessment.
- Course teacher displays internal assessment blue books along with a scheme of evaluation to all the students in the class and clarifies their doubts, if any.
- If the grievance cannot be addressed by the course faculty, the student has the option to take it up with the Head of the Department.
- Discrepancies if any are treated and addressed depending on the nature of the problem. Grievances of any nature can also be shared with the mentors on a one-to-one basis.
- An exclusive Student Mentoring System is also functional in the college.

University Level :

- If students have concerns regarding the evaluation of their university answer scripts, they discuss with faculty members for appropriate follow-up. In such instances, students have the option to request a re-evaluation of their answer scripts during the designated period set by the University. The outcomes of the re-evaluation will be disclosed in accordance with the university's established norms. The entire procedure is upheld with transparency and adherence to specified timelines by the university.
- Out of syllabus questions in question papers are identified by students and faculty is communicated to the University. The university will take suitable steps to address these students' grievances.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The Vision and Mission statements are displayed on the college website (www.ksit.edu.in) as well as on the college campus in all the departments. The Department Vision, Mission and Programme Education Outcomes (PEO) Program Outcomes (PO) are published and disseminated at various places and circulated among different stakeholders.

The department defines Programme Specific Outcomes (PSO). Faculty members will use the University defined Course Outcomes (CO) and modifies upon discussing and brainstorming with senior faculty members. These outcomes are communicated to students at the beginning of each academic year through electronic media. The college emphasizes the importance of these outcomes through classroom teaching, co-curricular and extracurricular activities. Assessment of program outcomes involves evaluating students' performance in university and internal examinations, with summative and formative approaches applied to achieve intended learning outcomes.

The IQAC, through academic and administrative audits, including external peer team members, reviews the teaching-learning and assessment processes. Departments maintain records of academic results and achievements, submitting them to the IQAC annually. Student feedback on teaching-learning processes and their overall performance in various activities, both on and off-campus, contribute to understanding and assessing expected learning outcomes for programs and courses. The college employs a comprehensive approach, ensuring continuous monitoring and improvement of educational processes aligned with established outcomes.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Attainment of Course Outcomes

The attainment of Course Outcomes (COs) is a crucial aspect of the educational process, reflecting the successful achievement of specific learning objectives within a particular course.

The course outcomes are calculated using Direct assessment and indirect assessment methods.

Assessment Tools

- Direct Assessment
- Indirect Assessment

Direct Assessment

- Continuous Internal Evaluation - Theory
- Continuous Internal Evaluation – Lab.
- Internship Evaluation
- Technical Seminar Evaluation
- Project work

Indirect Assessment

- Course End Survey

CO Attainment Calculation

Final CO attainment calculation

- The attainment level in the CIE for each CO and University attainment level are entered. 50% of CIE attainment level is considered as [N1] for every CO & 50% of university attainment level is considered as [N2].
- The attainment is calculated as $[N1 + N2]$ for every CO. 90% of this will be calculated as [N3].
- 10% of Course end survey attainment level is obtained as [N4].
- The direct attainment of the course is given by $[N3 + N4]$ for every CO.
- Assessment tools and processes used for measuring the attainment of each of the Program Outcomes (PO'S) and Program Specific Outcomes (PSO's)

The process used to gather the data for evaluation of program outcome is obtained from: Direct Assessment The assessment tools are:

- Continuous Internal Assessment
- Assignments/Quiz/Subject
- Seminar. Seminars.
- Project Assessment.
- Continuous Laboratory Assessment.
- Semester End Examinations (SEE).

Indirect Assessment

- Program Exit Survey
- Alumni Surveys
- Employer Surveys

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 97.84

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
272	363	369	411	398

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
280	364	378	421	410

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process**Response:**

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 63.93

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

2022-23	2021-22	2020-21	2019-20	2018-19
1.015	34.465	20.5655	5.125	2.76

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

K.S Institute of Technology has built an environment for Research and Innovation by systematically preparing & motivating its Staff & Students. The college has taken various initiatives to enhance the knowledge of staff by organizing FDP's, Workshop etc.

Within its confines lie 4 VTU recognized R&D Centers, teeming with research activities that culminate in research articles showcased across various peer-reviewed journals, presentations at both national and international conferences, book chapters, patents, extramural funding from both governmental and non-governmental entities, and inventive students' projects. These centers serve as havens for internal and external research scholars, embarking on PhD pursuits guided by 48 qualified research supervisors. 11 research scholars have been awarded & 33 scholars are pursuing PhD.

The KSIT has taken initiatives to train students in Jnan, Vignan & Jeevan Darshan by organizing activities. The courses like Innovation and Design Thinking, Indian Constitution etc. are included in regular curriculum.

KSIT believes that “Practice makes man perfect” and in support of this it conducts innovative pedagogy activities along with various activities like Mini project, Literature Survey etc. in content beyond syllabus.

The institution has a well-established lab, R&D centers, EDC & IPR cell to help the students with the inception of innovative, entrepreneurial ideas and start-ups.

Platforms are created for students to exhibit innovative projects & ideas through exhibition, research publication in conference & Journals. Workshop are by experts from Industry & academia.

The institution has been a recipient of a good amount of R&D funds from esteemed government entities like VTU, VGST, IEI & KSCST, fueling diverse collaborative projects and research endeavors. To motivate a research culture, staff members with research grants are awarded with cash prize. Financial support is also extended to faculty members to present papers in international conferences.

Institution has active IPR & IED Cell on the campus, championing IP awareness among students and staff members, and fostering patent application processes. The faculty members have published 23 patents in last 5 years which has become a hallmark of our success.

The Institution has three clubs that kindle and nurture students innovative thinking. Students have participated in various National, Regional and in intercollegiate events like hackathons, toykathons, design contest and brought laurels to the institution.

Aligned with the directives of the MoE, the institution has established an Institutions Innovation Council (IIC), fueling exposure to emerging innovations and entrepreneurial etiquettes for both students and Staff. Under the IIC's aegis, a diverse array of activities, like workshops, technical talks, ideathons, hackathons, panel discussions, and field visits are organized with the robust support of entrepreneurs and industries. The institution is bestowed with 3 to 4.5 IIC star rating. Faculty members have also been nominated for the Innovation Ambassador Training program of the Ministry of education's Innovation Cell. IIC has selected KSIT as mentor institution to “The Oxford College of Engineering”, Bengaluru

The institution has signed MOUs with various organizations & Industry for knowledge transfer through various activities like Internships, Workshops, Technical talks etc. and provide a holistic help in their entrepreneurial journey.

KSIT also participates in ARIIA ranking, and has been categorized under “Band Promising” category. This milestone was possible due to the presence of the innovation ecosystem present in the Institution which provides necessary assistance from choice of the problem to the 3P model - Proposal, Patent, Paper.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 209

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
29	30	40	66	44

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards**3.3.1**

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 1.87

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
84	75	31	23	60

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1.53

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
11	135	30	19	28

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

K.S. Institute of Technology strives for a holistic and value-based education to its students. In view of this, it organizes various extension activities to promote the Social Responsibility among its students. National Service Scheme [NSS] wing at very active and organizes many activities all-round the year. These activities induce confidence among the students to establish contact with the neighborhood communities and interact with them to explore the opportunities to serve them through social work.

Major emphasis is given on student engagement, service orientation, and the holistic development of students which further contributes to their self-development in terms of character and discipline to become responsible citizens of this country.

Extension & Socially responsive activities are organized in collaboration with the National Service Scheme and various Student Clubs. IEEE student branch of this institution is very vibrant and recognized as one of the best branches in the region. WIE wing of IEEE regularly organizes a host of events to empower women and also addresses women's health and hygiene issues. As part of extension activities, students are encouraged to guide and tutor underprivileged students studying in the Government schools. KSIT has adopted five schools & has helped in upgrading the infrastructure. Students at the institute organize various extra-curricular activities in association with institute clubs for these underprivileged children. The institute organizes voluntary blood donation camps within campus every year in collaboration with Youth Red Cross and Rotary Club. Students, faculty and supporting staff wholeheartedly participate in this activity.

The institute has organized RT-PCR test twice during pandemic along with Covid vaccination drives for first & second dose for students, staff and outsiders.

Staff & Students at KSIT participate in various National festivals like events Independence Day, Republic Day, Constitution Day & Kannada Rajyotsava with great enthusiasm. Women's Day, Environment Day, Earth Day & Yoga Day are also celebrated. Environment Day is celebrated by planting saplings.

Student Clubs organize regular activities on social & environmental issues. These activities include seminars on Road Safety, Promotion of mental health among youth, Elimination of violence against women, Prevention of Drug Abuse etc.

AASARE – A Program for Cleaning the Govt School was done along with Swachh KSIT under Swachh Bharat Abhiyan.

Students are encouraged to visit old age homes & Orphanages to get sensitized about these social issues and become more responsive about these societal responsibilities.

Under Unnat Bharat Abhiyan various activities like facilitating 100% digital money transactions, helping local schools to achieve good results & enrolment, promotion of digital payments, awareness about health & hygiene have been organized.

Students, also actively participate in the cleaning activity in the nearby villages as part of Swachh Bharat initiatives.

As part of holistic development of students, mandatory credited courses are offered on human values and professional ethics as well as environmental studies. Guest lectures are organized for the students at periodic intervals by inviting experts from outside to sensitize them on social issues like anti-ragging, cybercrimes, Violence against women etc.

Every year the college organizes a Cultural Fest called “ANANYA” which is a platform that is created for the students to showcase their talents

The institution also organize marathon in support of various social causes like raising money for Orphanages and old age homes, to create awareness about societal concerns.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Awards and recognitions from government- recognized bodies will motivate to do more. These are essential for an Institution’s growth and to gains credibility in the educational sector. Identifying and gratifying the people who have shown dedication for serving the society motivates others also to contribute towards upliftment of the society.

During Pandemic management of KSIT has distributed food packets to needy and in college we have organized vaccination drives post pandemic.

THE AWARDS BESTOWED TO KSIT:

- Our college was awarded as **BEST ENGINEERING COLLEGE** by Visveswaraya Technical University.
- **Best Student Chapter** award by Indian Society for Technical Education [ISTE]
- **Membership Development Challenge** awards by IEEE Bangalore Section.
- **Best Small Student Chapter** awards by IEEE Bangalore Section.
- Outstanding SB WIE Affinity Group Award by IEEE Bangalore Section for Outstanding contributions to WIE AG Bangalore Section for the year 2020

THE AWARDS BESTOWED TO STAFF OF KSIT:

- Mrs Jayasudha was awarded as **Best WIE Volunteer Award** in recognition of outstanding contribution to IEEE Woman in Engineering (WiE) Affinity Group , Bangalore Section for the year 2021.
- Mrs Jayasudha was awarded as Best **Researcher Award 2020** in recognition of research works and efforts towards IEEE Bangalore Section & **Outstanding WIE Volunteer Award 2020** in 2020.
- Mrs. Lakshmi H R was awarded as **Young Scientist award** NFED, Coimbatore, Woman Achievers award, 8th March 2019.
- Mr. Dilip had got **BEST PAPER** Award for his research paper presented in National Seminar on Innovations in Science & Engineering.
- Mr Senthil Babu was bestowed with **BEST PROJECT OF THE YEAR AWARD** by KSCST on 26th & 27 July 2019.

THE AWARDS BESTOWED TO STUDENTS OF KSIT

- Ms. Ashwini & team were declared **WINNERS** in Smart India Hackathon in 2022, Team – **ACCESS DENIED** held at Coimbatore, Tamil Nadu.
- Ms. Aakriti was Runner Up in the tech competition 'The Coding Rangers' conducted on the occasion of 'The National Youth Day' - 12th January 2023 Organized by T N S Indian foundation.
- CS team was declared as 1st Runner up Student Innovation Smart India hackathon 2022, Team – **CTRL_ALT_ELITE** held at Bhopal, Madhya Pradesh.
- Mr. Narasimha & team were declared **WINNERS** in Smart India Hackathon in 2019 for Ministry of Power.

Sl. No	Academic Year	Proof for the Awards Bestowed
1	2022-23	https://ksit.ac.in/images/naac_2022_CRITERIA3_1699606817864.pdf
2	2021-22	https://www.ksit.ac.in/images/naac_2021_CRITERIA3_1671171532321.pdf
3	2020-21	https://www.ksit.ac.in/images/naac_2020_CRITERIA3_1648527345613.pdf
4	2019-20	https://ksit.ac.in/images/naac_2019_CRITERIA3_1601026938726.pdf
5	2018-19	https://ksit.ac.in/images/naac_2018_CRITERIA3_1595658606446.pdf
Photo gallery		https://ksit.ac.in/img/hackathon_updated.pdf

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 54

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
16	8	8	13	9

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration**3.5.1**

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 22

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

K.S. Institute of Technology has maintained a green campus sprawling across more than 4.3 acres of land. The Institution has always made efforts to ensure the adequacy and modernization of infrastructure facilities such as buildings, machinery, equipments, software, books and other learning tools. It has built an impressive infrastructure with modern facilities and learning resources as per the prescribed norms of statutory bodies like UGC, AICTE and VTU that include.

- Classrooms with ICT enabled Facilities
- Laboratories with state of art technology
- Conference Hall
- Seminar Halls
- Library and Information Centre
- Support Facilities: Includes Boys and Girls hostel, Cafeteria, Sports, Auditorium, Indoor games, Outdoor games, Medical Room and Ambulance.

Other facilities:

- Drinking water
- Lifts
- Ramps
- Washrooms with proper sanitary waste disposal system
- Power backups connected to all Labs
- Fire extinguishers

The institute prides itself on an array of centralized amenities, a well equipped central library with an area of 950 Sq. Meters, computers for accessing digital content and a campus blanketed in Wi-Fi connectivity, boasting an impressive internet bandwidth of 500 Mbps City Online plus 200 Mbps BBNL. Furthermore, a majority of departments contain dedicated seminar halls with audio and video systems, facilitating technical events, guest lectures, and Skill Development Programs (SDPs) at the departmental level.

The Institution strives to ignite young minds in their quest for excellence beyond academics. The Department of Physical Education is very active in the Campus. The institution strongly believes in the

overall development of its students and thus, encourages sports activities. Sports are in fact a way of life for student's health and fitness. A well-implemented, comprehensive program is an essential component for the growth of both mind and body.

Sports Facilities include both Indoor as well as outdoor facilities.

Indoor Games include the following that are made available

- Table Tennis
- Chess
- Carom
- Badminton

Outdoor Games

- Throw ball
- Badminton
- Kabaddi
- Mini Cricket
- Basket ball
- Volley ball
- Kho- Kho
- Mini Football
- Gymnasium

The department of sports is also vested with the responsibility of organizing and arranging all the National festivals. Students are encouraged to organize various cultural activities in the college. Festivals like Independence day, Republic day, Ganesha Festival, Dasara - Saraswati Pooja, Teacher's day, Engineer's day, etc., are celebrated by students actively. Our students enthusiastically participate in NSS Camps, Blood Donation Camps, Social Awareness Camps and Gram Swachh Abhiyan Camps every year.

A state of art Auditorium with an ample seating capacity, ideal for hosting cultural activities is also getting ready. The cultural committee identifies diverse talents through auditions and encourages them to participate in inter collegiate competitions and national competitions and win trophies. The institution has student's platform called "ANANYA" – an annual fest to encourage interest in cultural activities.

The institution is committed to perpetuate a Yoga movement. Yoga is made a part of the induction program organized for first year students every year. "International Yoga Day" is celebrated on 21st June of every year.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 20.54

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
89.88706	80.2536	9.63217	29.23351	54.40356

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Library and Information Centre occupies a place of Pride in K.S. Institute of Technology and is an essential component of the institute. It is a resource centre for teaching, learning and research. The library is spread over two floors with an area of 950 sq. meters. with a seating capacity 200 students at a time. The library has a collection of about 36,670 volumes. Equipped with moderate amenities and resources. The resources are in both print and digital formats. It ensures a seamless exploration and access to scholarly resources, catering to faculty, students and research scholars.

The library collection extends to reference materials including Dictionaries, Encyclopedias, Handbooks and Standards, and also library possesses a stock of CD/DVDs of books, Technical Periodicals, and other

resources like NPTEL. Library is a member of VTU Consortium, DELNET, and the National Digital Library of India.(NDLI)

The Library and Information Centre is automated through the Licensed Library Management Software Package Libsoft (Version 9.8). All the transactions are carried out through barcode interface facility, automation of all the administrative works acquisition of reading materials, cataloging and circulation of reading materials, serial control, etc.

Online Public Access Catalogue (OPAC) facility is available to users through Libsoft Library Management Software. The main features of the OPAC are to know the bibliographical details about the collections, availability of books and status of the borrowed books.

The Institutes Digital Library provides access to digital resources. 20 computers are available with LAN connectivity. IP based authenticated access has been provided.

Institutional Repository has been created with D-Space Digital Library open source software to access freely downloaded e-books, University Question papers and faculty publications through local intranet: <http://202.62.79.41:8080/jspui>

E-Resources: Library has subscribed e-resources through VTU consortium.

- Science Direct
- IEEE ASPP Plan
- Springer
- Taylor and Francis
- Emerald
- Pro-Quest
- Mc Graw Hill Education
- New Age International
- Knimbus (Digital Library Platform and Remote Access Solution)
- DrillBit (Plagiarism Originality Online Check).

To access the digital resources and for online learning many staff and students are utilizing the central library facility on day-to-day basis. Also, the central library provides access to the top-notch research journals from IEEE, Springer, Science Direct etc., which attracts the researching community from faculty and students to utilize the facility. The central library also provides plagiarism check detecting tool for the research journals, which further improves the footfall. Average footfall per day usage is 402.

Library Facilities: Digital Library, Reference Service, Printing and Scanning, Reprography, SC/ST Book Bank, Inter- Library Loan, New Arrivals, Previous Year University Question Papers Hard and Soft Copies.

Library Website Integrated with college website <http://ksit.edu.in>. Provides the latest updates on the resources and services of the Library to the end user including open source e-resources and databases through hyper links.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The Institute has systematically deployed an array of digital technological amenities to enhance the learning environment. Six digitally equipped seminar halls, ICT-enabled classrooms, and laboratories with seamless Wi-Fi connectivity, complemented by LCD projectors and CCTV systems.

Required infrastructure is prepared for smooth conduction of lab sessions, FDP's, Workshops, awareness programs, training programs for students and faculty to update their knowledge and skill sets in new technologies.

The Institute has a series of specialized computer labs embedded within each department, catering to various domains such as DSP, power system simulation, CAD, and Network studies. These labs serve both academic and research purposes, providing students with hands-on experience and fostering a conducive research environment.

Uninterrupted Wi-Fi access extends to all students and staff, further supported by modern computer-equipped department offices with LAN connections. Faculty actively incorporate Information and Communication Technology (ICT) tools in their instructional and laboratory activities as needed.

For streamlined academic and administrative processes, the Institution relies on an Enterprise Resource Planning (ERP) software named EDUWIZE, which aids in optimizing various aspects of Institutional functioning.

Persistent upgradation of IT infrastructure remain a prime concern, internet is secured with the Sonic Wall (Firewall). Institute has 500 MBPS Leased line connectivity (City Online Services Limited) and 200 MBPS from BBNL. Internet Service Providers will use their best effort to ensure that the General Network availability is not less than 98.5%, which is 492.5 MBPS (1:1) dedicated bandwidth through fiber and RF unlimited usage 85% of the academic area is covered with Wi-Fi facility. Campus has been provided with a centralized network facility, Wi-Fi and Centralized data storage. Continuous power supply is provided for library, laboratories, Seminar Halls and Staff rooms with the aid of UPS. (345 KVA).

The campus houses over more than 1117 computers, supplemented by a suitable number of scanners and copiers distributed across departments. Out of Total numbers 1028 computers are for student's purpose and 89 computers for staff and administration purpose as on February 2024.

Regular hardware updates are implemented, with the latest configurations featuring 12th generation Intel I5 processors, 16GB RAM, and 500GB SSDs. The Institute is committed to maintaining up-to-date software licenses. Furthermore, students and staff are encouraged to leverage open-source alternatives such as Python, Arduino IDE.

To heighten security measures, CCTV cameras are strategically placed throughout the campus, including classrooms and laboratories, ensuring the safety of all stakeholders. These cameras are vigilantly monitored by competent Institute authorities, providing an additional layer of protection.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 2.21

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 706

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities

excluding salary component, during the last five years (INR in Lakhs)

Response: 62.72

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

2022-23	2021-22	2020-21	2019-20	2018-19
204.9330	140.84382	103.10461	152.21626	203.17200

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 70.93

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1126	1134	935	1010	1008

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills*
- 2. Language and communication skills*
- 3. Life skills (Yoga, physical fitness, health and hygiene)*
- 4. ICT/computing skills*

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 44.09

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
569	677	772	816	406

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 51.67

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
137	206	174	204	208

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
269	359	364	409	397

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 11.28

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
15	37	12	8	26

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 52

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
24	12	0	7	9

File Description**Document**

list and links to e-copies of award letters and certificates

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 21

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
59	25	0	8	13

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

KSIT has a registered alumni association “CHIRANTHANA” (Registration No: DRB4/SOR/115/2021-2022) functions according to its bylaws. It will frequently conduct meetings and assist the technical events of the institution in which alumni of all departments take leading role. KSIT alumni are very competent professionals, entrepreneurs and also responsible citizens of the country. Alumni contribute for the development of the Institution by extending their help in mentoring the students for various events, competitions and Professional body activities. Alumni are the important stake holders and members of Department Advisory Committee, Internal Quality Assurance Cell. The valuable suggestions and feedback of the Alumni members improvise academic activities and teaching-learning process. They extend their support in identifying thrust area of skill development and help in curating required training for the students.

- In the prestigious National Level Smart India Hackathon (SIH) contest, CSE Alumni Mr. Sreeshma Mohali, Mr. Ranjan Ballappa, Mr. Vivek, Mr. Abhishek and Mr. Kethan are constantly mentoring the KSIT teams. The journey of SIH started in the year 2017 and continued till date under the able guidance of the alumni and faculty members. Every year KSIT Hackathon teams are bringing laurels and accolades to the Institute. Mr. Darshan S. K, CSE Alumni of 2015-2019 batch who is an entrepreneur and partner of TVAST IT Solutions is providing internship. Mr. Niranjan Balaji who owns Rapsol Technologies Pvt. Ltd is maintaining Institute website.
- Mr. Gurusharan, CEO of PathfinderNRI, who is also ECE alumni provides internship opportunities for students of KSIT.
- Prof. Rajesh Sudi, Asst.Prof of ECE, Jyothi Institute of Technology and Alumni of TCE (2019) batch conducted workshop on “Internet of Things” in the year 2020. Mr.Akhil Bhardwaj currently working as Platform Operations Engineer in M/S Akamai Technologies delivered a technical talk on “*Networking and overview on Networking Certification Track: CCNA, CCNP, and CCIE*”.
- Mr. Mahesh N, Alumni of Mechanical Engineering department who is working as Deputy Manager in TOYOTA ENGINE DIVISION interacted with his higher authorities in the factory and donated INNOVA DIESEL Engine to KSIT for demonstration purpose in the lab. Alumni of 2016-2010 batch and 2017-2011 batch also contributed in making the cut section of this engine to know the working concepts clearly by making use of lights and sensors. Mr. Nagarjuna M.G. who is working as Project Associate for KSCST is conducting IPR workshops for both Faculty and students.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

VISION

- To impart quality technical education with ethical values, employable skills and research to achieve excellence.

The K. S. Institute of Technology is unwavering in its dedication to actively pursue the realization of its vision, meticulously outlined in its Strategic Development Plan. The Management has meticulously crafted a comprehensive set of values and a decision making process, ensuring the active participation of every employee across various management levels.

MISSION

- To attract and retain highly qualified, experienced and committed faculty.
- To create relevant infrastructure
- Network with industry and premier institutions to encourage emergence of new ideas by providing research and development facilities to strive for academic excellence
- To inculcate the professional and ethical values among young students with employable skills and knowledge acquired to transform the society

KSIT, envisioning itself as a provider of quality technical education, values employable skills and research, aspires excellence by attracting and retaining highly qualified, experienced, and committed faculty. The institution has adequate infrastructure and good industry connect to actively pursue academic excellence. The Management Committee receives support from an Academic Advisory Board chaired by a former Vice Chancellor of VTU, alongside two acclaimed academicians and one industrialist, CEO, facilitating a bridge between the Advisory Board and the Management.

All activities of the institution are efficiently managed by the Principal, Heads of Departments, faculty members, and technical staff. The institution is proactive in organizing activities to enhance the knowledge and skills of both faculty and students. The faculty is particularly encouraged to embark on journeys explore research avenues within their domains, ensuring they remain at the forefront of knowledge and innovation.

The institution is effectively managed by the Principal and Director under the supervision of the Chief Executive Officer of the KS Group of Institutions. The decisions taken by the Management are conveyed to the CEO and the Principal who will in turn convey these decisions to the concerned departmental

Heads. The institution has seven undergraduate engineering departments, one post graduate program in Computer Science & Engineering and four research centers (Chemistry, Computer Science, Electronics & Communication and Mechanical) Each department is managed by a Head of the Department who is responsible and accountable for all the activities at the department level. Departments are empowered to conduct/organize activities to empower their students.

To emphasize and focus on various aspects of administration, IQAC Co-ordinator is working to monitor the academic and accreditation related activities. Being an affiliated institution, the examination norms are framed by the university. The Academic and Test Committee manages the smooth conduction of the centralized internal assessments tests. The Training and Placement Officer takes care of the training and placement activities. The Physical Education Director handles the sports activities and the Manager is responsible for all the maintenance activities in the campus. Institution has constituted 34 Committees for smooth conduction of academic and non-academic activities.

The institution has a Committee that works on its strategic plan. The strategic plan so developed is submitted to the Academic Advisory Board for their recommendations and then taken to the Management for approval. Once this plan is approved the same is communicated to all the stake holders for implementation. All the financial expenditures are put up with the management for final approval.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The institution has a Committee that works on its strategic plan. The strategic plan so developed is submitted to the Academic Advisory Board for their vetting and recommendations and then taken to the Management for approval. Once this plan is approved the same is communicated to all the stake holders for implementation. All the financial expenditures are put up to the Management for final approval and disbursement from time to time.

The following institutional plans are effectively deployed:

- Institute encourages Faculty and students for publishing papers in reputed journals and also presenting their research articles in various national / international platforms. 264 publications in 5 years – Details of which are available

https://ksit.ac.in/images/naac_2023_CRITERIA3_1708489224578.pdf

- An increase in the number of patent filings, participation in FDP and apply project proposals to VGST, KSCST and DST. Rs 9.21 lakhs Funds received for projects from KSCST, VTU, VGST,ect. In 5 years -https://ksit.ac.in/images/naac_2023_CRITERIA3_1708489113269.pdf
- The Industry Institute Interaction Cell (IIIC) creates a Multi-disciplinary innovation environment that will allow project-based learning for students. Arranged conference, workshops and training sessions for faculty, guest lectures, and departmental association activities. 227 programs such as conference, workshops and training sessions for faculty, guest lectures, and departmental association activities were conducted in last 5 years https://ksit.ac.in/images/naac_2023_CRITERIA3_1708489188300.pdf
- To emphasize on the students overall development through excellent academic programs, training, placement extracurricular and co-curricular activities, and community involvement initiatives and also to encourage the students to participate in national/international activities. Community involvement initiatives done by the students and staff are at https://ksit.ac.in/images/naac_2023_CRITERIA7_1708405039387.pdf
- To provide the technical assistance in matters relating to intellectual property rights, the institution has signed the MoU with KSCST. Under IPR cell we have conducted 5 programs for Teaching staff, non-teaching staff and Students during Assessment period of 5yrs https://ksit.ac.in/images/naac_2023_CRITERIA3_1708590629645.pdf

K. S. Institute of Technology has Governing Council constituted as per the guidelines given by AICTE. The Governing Council meets at least twice a year and more if necessary and monitors the functioning of the institution. KSIT also has an Academic Advisory Board that provides inputs on all academic related matters and helps the Management in taking the right decisions.

Recruitment is made as per the requirement through advertisements. The resumes/applications will be collected through both online and offline and scrutinized as per requirements, by HOD's under the guidance of Principal and CEO. The shortlisted candidates will be called for an interview. The selected candidates will have a second round of discussion with the Management for the approval of their appointments. The offer / appointment letter is issued to all selected candidates.

The K. S. Institute Technology has a Staff-Handbook for its employees that is providing the necessary rules / regulations / code of conduct / policies: general information, faculty and staff rules, probationary period, leaves, etc. that gives transparency in day to day functioning. Rule book is framed with respect to KSGI which is being followed by KSIT.

There are 34 Committees that regularly conduct meetings and events regularly as per their schedule and play their defined roles at appropriate times and places and maintain records.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Performance Appraisal System:

A Comprehensive format has been developed to capture information regarding multiple activities of the faculty. A transparent evaluation system has been in place both at the departmental and Institutional

levels. The appraisal process includes the self-appraisal form submitted by the faculty in the prescribed format which contains information like Student's Feedback, University Results, Mentoring, Workshops/FDPs/MOOCs attended and organized, Publications, R&D project proposals/grants, consultancy & training, patents, Ph. D scholars guided and recognitions received from outside agencies in the form of awards, prizes, projects etc. The HOD, reviews the data in the self appraisal form and evaluates the faculty performance and submits to the Principal with appropriate recommendations. The Principal collects all faculty appraisal forms from all the departmental heads and discusses with CEO. The faculty whose appraisal scores do not meet the minimum criteria are called and counseled to improve.

Depending on the satisfaction levels, non-teaching staff will be addressed by the HOD and Principal to improve their performance.

Welfare Measures for Teaching and Non-Teaching Staff:

The most important asset of K. S. Institute of Technology is its human capital. Every faculty member is aware of and aligned with the institutional goals, fostering an environment that imparts a sense of purpose and constructive influence on the teaching and learning process. The institution is dedicated to nurturing the growth of teaching staff as individuals and as a cohesive department providing unwavering support. Recognizing their dedication and needs the organization acknowledges their contributions by offering a host of benefits within the institute and through collaborations with other organizations.

The ensuing enumeration outlines some of the welfare initiatives aimed at enhancing the well-being of its faculty members are listed below:

1. Group Insurance for the faculty.
2. EPF to all faculties as per PF act.
3. ESI facility to eligible employees.
4. Medical leave
5. Maternity Leave
6. Uniforms are provided to the transport staff.
7. Accident insurance for drivers.
8. Marriage leave.
9. Financial support to attend Workshops, FDPs, Conferences and NPTEL certification courses.
10. The institute felicitates the teaching and non-teaching staffs who have served the organization for 10 years period.
11. For special achievements staffs are being felicitated.
12. Gratuity facility for staffs
13. Encouragement for higher studies to the staffs.
14. First aid-assistance is provided as and when needed.

Avenues For Career Development/Progression:

KSIT has always encouraged its staff to pursue higher studies. In this pursuit it has always encouraged its staff to acquire higher qualifications and progress in their careers. This progression is achieved through:

1. Knowledge enhancement through attending FDPs
2. Enhancement of qualifications like Ph.D. and others.
3. Sponsoring faculty for upskilling programs offered by VTU or the User Systems.
4. Faculty internship in industry.
5. Encouragement for attending conferences and publishing research.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 13.08

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

2022-23	2021-22	2020-21	2019-20	2018-19
15	3	5	9	22

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 30.12

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
72	38	64	41	10

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
79	68	57	60	70

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The Institution has a well-established system with processes and procedures for planning and allocation of budget. Management strategically would plan the budget and take appropriate decisions for disbursement and utilization of allocated resources. The available resources are utilized for discharge of revenue and capital obligations. The institution prepares a comprehensive budget to provide for meeting the expenses of both the academic and administrative activities for the academic year which will be approved and authenticated by Management. The Principal and HODs are provided with financial delegation.

The system ensures that the optimal utilization of the budget and the outflow of resources from the institution has to be adhered to and be within the provisions of the approved budget and any of the expenses overshooting such provisions will have to be ratified by management after due deliberations. The expenses which exceed approved budget will not get sanctioned unless the endorsement of the Management.

The major contribution of funds to the Institution is from the fees paid by students as prescribed by Govt. of Karnataka. In addition, funds and grants are received from agencies like KSCST, VGST and MHRD for projects. Professional bodies also provide funds which will be utilized for conduction of various activities for students and staff.

The fund received through these sources are properly utilized in the optimal way as explained below

- Non recurring Expenditure: Infrastructure which includes building, Laboratory equipments, IT facilities like hardware and software, Transport - facility
- Recurring Expenditure: Maintenance, Services and consumables
- Academic activities: The funds channelized to organize Hackthons, Conferences, student Conventions, Workshops, Project exhibition, technical talks and Seminars, Professional body and club activities for students FDP and STP for Staff.
- Placement and Training department conducts both soft and Technical skill training and assessments through out-sourcing. The Management will mobilize the funds for the training organization.
- The faculty and Staff are encouraged to publish papers in Journals and Participate in Conferences, FDP and STPs organized by industry and other Institutes. The registration fees will be borne by Management.
- The college management pay the expenses of printing charges of News Letter, Souvenir & Magazines at Institute and department levels. Branding and publicity activities are also funded by the management.
- The institute facilitates co-curricular extracurricular, cultural fests, annual sports meet.
- There are regular subscription by the library using the funds allocated for Journals-online and printed versions, Magazines, periodicals, books and news papers to encourage research activities and update knowledge about current affairs.

Financial Audit:

K. S. Institute of Technology operates as a self-financed institution, adhering to stringent financial protocols. Comprehensive internal and external audits are routinely conducted, ensuring the meticulous maintenance of transparent records for all financial transactions. The external audit is carried out by

qualified Chartered Accountants, who meticulously scrutinize vouchers, TDS, bills, quotations, purchase orders, and payment authorizations. Vendor selection involves soliciting quotations, verifying the authenticity of genuine vendors and seeking management approval before finalizing transactions. The ultimate authority for approving any financial transaction rests with the management.

Both internal and external auditors meticulously review payroll, attendance records, Form 16, TDS deductions, and documentation of tax proofs. Upon the completion of external auditing, a detailed report is submitted to the management, and any feedback or suggestions are communicated to the accounts department for consideration.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC) of KSIT was established in the year 2018. Many quality improvement initiatives were designed and implemented with defined objectives. IQAC that has external members from both Industry and Academia will meet thrice in a year and monitor the mechanism for quality improvement in academic activities, training methods, systems and research methods. They also give suggestions to improve the infrastructure to facilitate meaningful learning. IQAC assures its contribution in different dimensions mentioned below.

IQAC provides formats for various academic activities – Lesson plan, CO-PO mapping, attainment calculations, different types of templates for Assignment submission & Question paper setting and scheme of evaluation.

The academic audit will be conducted as per the check list provided by IQAC from time to time across the departments and ensures quality initiatives.

IQAC aims at enhancing the quality in academic performance of students. Over the years KSIT students have secured notable VTU ranks in PG and UG, **2 in 2018, 1 in 2019, and 2 in 2021.**

IQAC identifies the thrust areas and discusses about various training sessions for students and faculty in department or institute level.

The Institution showed significant improvement in number of certification courses like NPTEL, Coursera, Skillup–Simplilearn, Udemy, etc.

The IQAC plays a pivotal role in preparing the institution for accreditation and quality certifications. It ensures compliance with the standards and criteria stipulated by external accrediting bodies. Through meticulous preparation, simulated assessments, and continuous improvement endeavors, the IQAC guides the institution to attain and uphold its accredited status.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**
- 5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender equity is the process of being equal and fair to both women and men. Also, it plays a very important role in the growth of the country and a healthy society. Our institution has gone out of its way in promoting gender equity and it can proudly say that the maximum number of employees at our institution are women. Both girls and boys are encouraged to take part in all curricular, co-curricular and extra-curricular activities.

1.Safety and Security:

A safe and secure workplace is paramount for the well-being of students, staff, and the overall success of an organization. Women's safety is most important. The institution takes several measures for safeguarding female students when they are representing the college at various levels. All the students irrespective of gender are motivated and encouraged to participate and volunteer in all the activities. CCTV cameras have been installed in all the prominent locations on the campus to assure security for female students and faculty.

2.Women Empowerment programs:

Empowering women and girls impacts society and it's truly powerful. Women Empowerment strives to continue to self-actualize a woman's inner power and truly help them to take on the challenges around them. Several women empowerment programs and activities relating to women's health, self-defense and safety have been successfully conducted in the institution.

3. Committees:

The campus has committees like Anti-sexual Harassment Committee, IQAC, and College Internal Complaints Committee comprising both female students and staff to create a friendly environment. Anti-ragging and Disciplinary committee ensures safety and security and keeps monitoring the student's activities against ragging within the campus.

4. Ladies WashRooms:

Maintaining a high level of cleanliness is imperative in these spaces. Janitorial staff play a crucial role in ensuring that the washrooms are well-stocked, tidy, and sanitized regularly. Clean and well-maintained facilities not only contribute to the overall hygiene of the college but also create a positive and comfortable experience for users. The campus contains a sanitary disposal system in ladies washrooms. A sanitary napkin vending machine with an Incinerator system was installed inside the washrooms and also separate sanitary disposal bins were provided with biodegradable bags for female students and faculties. These sanitary disposal bins are daily cleaned and maintained hygienically.

5. Emergency Ladies Waiting Rooms:

The institute provides well-maintained ladies Waiting rooms for female students and staff that enclose rest facilities during emergencies.

6. Ladies Hostel:

The Institution has well-established adequate and safe hostel space for female students where nutritional food is provided. Regular inspection of the girl's hostel is conducted to ensure the quality utilization of this space.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: B. Any 3 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

KSIT as an institution has taken a number of initiatives to create an environment filled with harmony and national integrity. This includes conducting cultural, regional and linguistic events to exhibit the significance of diverse communities and its socio-economic well-being. By hosting the celebration of festivals and events, KSIT hopes to promote tolerance and harmony among students, faculty and other stakeholders. All first-year students at the Institute are given an orientation program at the start of each semester, during which they are educated on the importance of an equitable society and how to respect its socioeconomic, religious, linguistic, gender, and cultural diversity. With an aim of inculcating and strengthening the sense of patriotism and oneness as Indians, diverse programs are organized on India's Independence Day, Republic Day etc. NSS student volunteers of Institute teach and conduct various cultural activities, educating the poor, rural empowerment, donations to under privileged in nearby villages having diverse ethnic groups.

The institution has an annual cultural extravaganza every year called "Ananya", where various traditional/cultural dances, dramas that highlight unity in diversity, and regional dress shows are presented to promote our culture. In order to give an opportunity to students and faculty to showcase their talents, the institute encourages everyone to participate in various inter college fests hosted by other institutes and universities such as VTU fest. This helps to enhance social connectivity and imbibe a sense of competition amongst them.

KSIT takes pride in promoting the constitutional obligations: values, rights, duties and responsibilities to its students and employees by organizing various events/programs. International Yoga Day is also celebrated every year to spread awareness about the importance and effects of Yoga on health of people to maintain physical and mental health as well. World Environment Day is celebrated to spread awareness about the importance of protection and conservation of our environment and sustainable development. International Women's Day is celebrated to sensitize the university community about gender equity and social economic cultural and political empowerment of women. Free Vaccination drive and Dental camps were organized as part of NSS activities. NSS volunteers and students of KSIT generated a fund of Rupees 37,936 for the victims of KODUGU and KERALA flooding. This amount was submitted to the Management of KSIT. The faculties of K S Group of Institutions donated one day salary for the same cause. A total sum of Rs 15 lakh was donated to CM Relief Fund of Karnataka from Kammavari Sangham. The institution in association with Indian Red Cross Society and Rotary Club, Bangalore, organized "blood donation camp" under the umbrella of National Service Scheme to create a sense of empathy and help the needy. In continuation with carrying out philanthropic activities under the K S Institute of Technology, Govt of Karnataka has assigned 5 government schools for adoption. As a part of societal commitment KSIT has donated laptop, desktops, chairs, tables, printer, white boards, construction of compound wall etc.

File Description	Document
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7.2 Best Practices

7.2.1

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

Response:

BestPractice:1

Title of the Practice: *Academic Advisory Board (AAB)*

Objectives of the Practice

·To imbibe excellence in all the academic activities carried out in the institution

·To set up strong academic processes that will help the institution get recognized and also aid in getting accredited.

·To take the institution from its current level to the next level and obtain autonomy.

The Context

The Institution that is celebrating its Silver Jubilee Year (1999-2024) has been steadily growing with the inputs of its own administrators and teaching faculty strictly following the University guide lines. During the year 2018 a strong need was felt to establish an advisory body that could advise the Management on all higher academic matters as well as help the Management to take the institution to the next level. The institution had set itself a goal to get accredited by both NAAC and NBA. Thus, the institution obtained its NAAC Accreditation during 2018 and NBA Accreditation during 2021. The advisory board is called as the Academic Advisory Board that is chaired by a former Vice Chancellor of VTU, Belgaum, Prof. H.P.Khincha. The Other Members are Dr. K.N. Balasubramanya Murthy, Former Vice Chancellor, PES University as well as Dayananda Sagar University, Bengaluru; Dr. Y.N.Srikanth, Former Professor of Computer Science, Indian Institute of Technology, Bengaluru, Dr. Shyam Vasudeva Rao, Industrialist, Bengaluru; Dr. K.V.A. Balaji, Former Registrar, VTU Belgaum who is the Member Secretary as well as Chief Executive Officer for the Kammavari Sangham Group of Institutions.

The Practice

The Academic Advisory Board that meets at least twice in a year or more, is involved in setting up systems and processes for the group of institutions. It also helps in conducting the Selection cum Screening Committee Meetings that helps Management to select people for all the higher positions like Principals and Professors. It also recommends the promotions and increase in emoluments for all those in-house staff who complete their Ph.D. and obtain their degrees.

Evidence of Success:

It was only after the initiation and establishment of Academic Advisory Board the institution prepared and applied for the NAAC and NBA Accreditation. Several academic processes and systems were established. The AAB has given guidelines for processes like “ Final Year Project Selection and Implementation” .

BestPractice:2

Title of the Practice: *Student Augmentation through Overall Development*

Objectives of the Practice:

- **To create an eco system for self learning and experiential learning both leading towards all round development.**
- **To sensitize the students towards Social Service and Social Responsibility**
- **Active Participation in Professional Bodies**

The context:

Students form the central focus of any institution. The value that an institution would add to them during their stay of four years becomes very important. In this context, creation of an ecosystem for this value addition becomes a top priority..

The Practice:

At KSIT a very sound culture of participating and organizing socially relevant problem solving exercises through HACKATHONS are present where students not only participate in state level, national level and international level Hackathons and have brought laurels to the institution but also organize these events for the benefit of all the students of other institutions.

Society of Automotive Engineers (SAE) has a vibrant existence in KSIT. Every year, students take active part in the Design-Development-and Fabrication competition that involves the participation of Mechanical, Electronics & Electrical and Computer Science Engineers.

Various Professional bodies like IEEE, WIE, CSI, IIFT, IEI, and so on have their student chapters at KSIT. Every student who enters the portals of KSIT will be made a member any one or more of these professional bodies that organize a variety of programs .

At KSIT the National Service Scheme has a strong presence. The students are inducted in the first year and will remain till the final year taking active part in organizing a host of national festivals like the Independence Day, Republic Day, Kannada Rajyotsava Day, Constitution Day etc.,

As a part of the outreach activity, KSIT has been vested with the responsibility of supporting and hand holding five Government Schools in its vicinity where a lot of maintenance support, painting, drinking water availability, donation of computers, donation of school bags and note books, cleaning of the premises, teaching personal hygiene to the children as well as the usage of computers are done by the NSS Volunteers.

The NSS also organizes an Annual NSS Camp where the students learn the art of living in rural locales, actively participate in “Swatch Bharat Abhayan”, teaching personal hygiene to the village children.

Evidence of Success:

1. Students of Computer Science and Engineering continuously participated and won the first and second prizes in the Smart India Hackathon organized by MHRD, GOI, from 2017 till date.
2. During 2022-2023, our students have won prizes in the National Level Contest - Smart India Hackathon (SIH) conducted by the Ministry of Education Innovation Cell and All India Council for Technical Education:
3. First Prize for the team Access_Denied at Coimbatore, Tamil Nadu;
4. First Prize for the team What_The_Food @ Hyderabad, Telangana;
5. 1st Runner Up for the team CTRL_ALT_ELITE @ Bhopal, Madhya Pradesh; and
6. Winners of TOYCATHON 2021: CONTAGIOUS INTELLIGENCE.

TEAM REDLINE RACING is a KSIT team, participating in a national event, SAE-INDIA BAJA, since 2015 and has been coming out with amazing performance every year at state, national, and international levels.

Electronics and Communication Engineering Student Master Tirumala Ganesh Bharadwaj Sharma secured a gold medal in the 4th open International Taekwondo Championship held at Orchid Arena Garden, Kolkata, West Bengal, on November 26, 2023.

Artificial Intelligence and Machine Learning student and also NSS volunteer Gurudeep. R has participated in STATE REPUBLIC DAY PARADE 2022–23 and secured 1st PLACE and also participated in “NATIONAL INTEGRATION CAMP” held at Karnataka University P.G. Center, Karwar, from 22nd to 28th November, 2022–23.

NSS Volunteer of KSIT, Sirish Govardhan has been awarded with one of the most prestigious STATE NSS AWARD for the year 2019-20.

NSS Volunteer – Yasashwini.P has participated in South Zone NSS-Pre Republic Day Parade -2021.

File Description	Document
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Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

7.3.1 – Institutional Distinctiveness

Embodying a unique blend of innovative programs, cutting edge research initiatives and a commitment to fostering a vibrant academic community, our institution stands out as a beacon of distinctiveness in the realm of higher education. Our institution prides itself on creating an environment where creativity thrives, thinking is wide and embarking on collaborative projects are encouraged. The institute ensures that meritorious and deserving students are not deprived of an opportunity solely on socio-economic constraints.

The faculty, being the backbone of our institute, have ample opportunities to enhance their teaching skills and involve the research activities. The institute ensure that faculty participate in FDP and conferences and publish papers on the student projects or their own research findings.

With the above mentioned ambience the institution has carved, for itself, a niche for “HACKATHON”. What started with a simple participation and winning in 2017 has now matured into passion where the institute can pride itself over the achievements since then.

The KSIT students teams regularly participate in Hackathon Competitions where a theme is normally given or a problem is defined. The participating teams have to define the problem (If only theme is given), analyse the problem, model the same if required and write a code to solve or simulate the problem.

- 1.Students of Computer Science and Engineering continuously participated and won the first and second prizes in the Smart India Hackathon organized by MHRD, GOI, from 2017 till date.
- 2.During 2022-2023, our students have won prizes in the National Level Contest - Smart India Hackathon (SIH) conducted by the Ministry of Education Innovation Cell and All India Council for Technical Education:
- 3.First Prize for the team Access_Denied at Coimbatore, Tamil Nadu;
- 4.First Prize for the team What_The_Food @ Hyderabad, Telangana;
- 5.1st Runner Up for the team CTRL_ALT_ELITE @ Bhopal, Madhya Pradesh; and
- 6.Winners of TOYCATHON 2021: CONTAGIOUS INTELLIGENCE.

The Institution has also organized the following competitions in which student from other institutions participate and our students facilitate the whole program:

Sentinel Hack – 1.0

A “24 Hour State Level Hackathon – Sentinel Hack 1.0” event was held on 9 th and 10 th Nov2018 at K S Institute of Technology. The program was hosted by Department of Computer Science and Engineering. It was a proud moment for KSIT as the unique event of this kind was well attended by about 54 teams with 189 students from 22 different technical institutions across the state of Karnataka were participated. The aim of this “24 Hour State Level Hackathon –Sentinel Hack” event is to provide a forum for the students to exhibit their coding abilities in seven different domains and come up with their innovative ideas to solve real world problems.

Sentinel Hack – 2.0

On 12 th -13 th NOVEMBER- 2019 KSIT hosted Sentinel Hack 2.0 which has witnessed 72 teams with 265 students from different technical institutions across the state. The aim of this “24 Hour State Level Hackathon – Sentinel Hack 2.0” event is to provide a forum for the students to exhibit their coding abilities in seven different domains and come up with their innovative ideas to solve real-world problems.

Sentinel Hack – 3.0

Sentinel Hack 3.0 “Multiverse of Opportunities” was conducted on 20 th and 21 st June 2022 under Firefox Club, Guest Dr. Pradeep V Desai, CEO of Thalesat Innovations Private Limited (TIPL),60 teams with over 200 participants all around Karnataka has taken part in the event. Mentors and Judges from industry - Academic profiles witnessed, guided and evaluated the solutions.

Sentinel Hack – 4.0

SENTINEL HACK 4.0 – 24 hours State level Hackathon with the motto “FuturForge” under the CSE Firefox student club is organized from 3 rd May 2023 to 4 th May 2023. 65 Teams with over230 participants all around Karnataka has taken part in event enthusiastically to build the solutions. It is an event to provide a forum for the students to exhibit their coding abilities indifferent domains like Agriculture, Education, Cyber Security, Fintech, Healthcare & Open Innovation category to come up with their innovative ideas to solve real-world problems in the respective domains.

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5. CONCLUSION

Additional Information :

KSIT has plans to build on its own strengths in each of the engineering departments. In order to get a distinct position, KSIT plans to apply for and get academic autonomy which provides for offering specialized electives in each department and create manpower that could be specifically sought after.

The Institution is bound by the curriculumaffiliating University-VTU. The faculty prepare the learning materials and lesson plan with the principles of Outcome Based Education. The curriculum includes courses and activities that imbibe creativity, critical thinking, and problem-solving skills among our students. The institution's efforts to track the student performance and learning outcomes, demonstrate a commitment to academic excellence and student satisfaction as well.

The R&D centers motivate faculty members and students to understand cutting-edge research, innovations and incubation, to undertake research projects and submit proposals to various funding agencies/sponsors, support collaborative and interdisciplinary research, consultancy projects and ascertain quality research work. The institution all also has IPR & IEDC Cells to kindle and support startup activities among its students. These cells conduct various activities by inviting experts to motivate & trigger entrepreneurial skill sets among students. Many activities like Ideathon, Hackathon and many more are organised to create platform for budding entrepreneurs to showcase their talents. Institute has a registered alumni association with office bearers and functions according to its bylaws. It will frequently conduct meetings and assist the technical events of the institution in which alumni of all departments take leading role.

The Management Committee receives support from an Academic Advisory Board chaired by a former Vice Chancellor of VTU, along with two more acclaimed academicians and one industrialist, CEO, acting as a bridge between the Advisory Board and the Management. All academic matters are referred to this body and their decisions are implemented across the group of institutions.

A transparent performance appraisal system has been in place both at the departmental and Institutional levels. The appraisal process includes the Self-Assessment form submitted by the faculty in the which contains information about overall performance. The HOD reviews the data in the self appraisal form and evaluates the faculty performance and submits to the Principal who will in turn submit it the CEO. All the three (HOD, Principal and CEO) will call the individual faculty and have a discussion on how to improve it.

There is a budgeting system in place and financial delegation up to the level of HOD with an imprest advance being given to both of them. The accounts are audited by an internal auditor as well as an external auditor. The accounts are discussed and approved at the General Body Meeting of the KammavariSangham.

With this roadmap, the Institution is slowly moving ahead towards becoming one of the most sought after institutions in South Bengaluru area. The institution recently participated in the QS I-Gage Rating System and obtained a GOLD Standard for two years (November 2021 to November 2023). By taking an active part in all the above Rating and Accreditation the system is constantly learning new quality systems and methods.

Concluding Remarks :

Continuous learning is the secret mantra to survive in present day competitive world- be it an institution of manufacturing organization. By actively participating in the accreditation and rating exercises the institution has had a great learning experience in terms of its Data Management.

There is a general understanding of the Metrics that normally make up the measurement of quality of an educational institution. It is not just at the administrative level that these metrics are understood but at every level of the organization. Further, anynew concept that is brought into the system is easily integrated and implemented as a part of the requirements. The challenges that lie before any evolving institution is to keep abreast of the demands that emanate from the society – “Give what the Customer wants” should be the motto. With new branches being offered there will be host of challenges as well as learning opportunities for the institutions. If proper quality systems are in place overcoming these challenges will be easy.