



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	K. S. INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	T.V. Govindaraju
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	080-28435722
Mobile no.	9663778001
Registered Email	principal@ksit.edu.in
Alternate Email	principal.ksit@gmail.com
Address	#14, Raghuvanahalli. Kanakapura main road.
City/Town	Bengaluru
State/UT	Karnataka
Pincode	560109

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Dayananda R B			
Phone no/Alternate Phone no.		09945120801			
Mobile no.		7676206182			
Registered Email		dayanandarb@ksit.edu.in			
Alternate Email		rbdayanandakit@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.ksit.ac.in/img/naac/AOAR-1_submitted_AUG_2020.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		http://ksit.ac.in/academic_calender.htm 1			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.79	2019	01-May-2019	30-Apr-2024
6. Date of Establishment of IQAC			31-Jan-2018		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	
Academic Development		27-Jan-2020		70	

Program	05	
Academic Audit (Internal)	09-Jan-2020 03	100
NBA SAR review and submission	09-Sep-2019 10	30
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
KSIT/ECE	Innovative project	KSCST	2019 180	5500
KSIT/ECE	Innovative project	KSCST	2019 180	4500
KSIT/MECH	Innovative project	KSCST	2019 180	5000
KSIT/MECH	Innovative project	KSCST	2019 180	5000
KSIT/MECH	Innovative project	KSCST	2019 180	5500
KSIT/MECH	Innovative project	KSCST	2019 180	5500
KSIT/MECH	Innovative project	KSCST	2019 180	6500
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. Evaluation of NAAC performance metrics 2. Many online training programs/webinars are conducted for knowledge sharing 3. Online feedback has been taken using google form about online classes from the students 4. Internal Assessment test evaluation sheet for all the faculties for all the subjects are provided 5. Rubrics for validating POs are framed and review and approval need to be taken from IQAC Cell

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Percentage of students undertaking field projects/ internships.	More number of students have undergone intern ship training in various reputed organisations
More emphasis should be given on Teaching pedagogy	Adopted the following teaching methods to transform the learning environment. Subjective seminars, Power Point Presentations, snap tests, guest lectures and industrial visits.
FLIP Class Teaching	Online class lectures are recorded and uploaded in the college website. Students are given access to watch video classes when ever they want in their own place

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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	29-Apr-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	18-Mar-2020
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The KSIT pursues its goals and objectives according to its vision and mission to impart quality education. KSIT as an affiliated institute to VTU has only limited flexibility and powers as regards to curriculum design. For the effective implementation of the curriculum keeping in mind the outcome based education, the institute has constituted teaching learning process committee headed by the principal and all heads of the Departments, who are the members of the committee. The function of the committee is to plan, discriminate and implement curriculum for effective student learning. The institute also has a very active IQAC cell which monitor curriculum implementation by conducting academic audit during the semester. The curriculum delivery and dissemination at KSIT- The University publishes Academic calendar, semester end practical & theory examination dates & Dates for commencement of next semester at the beginning of every semester. Institute level calendar of events is prepared every semester according to the guidelines of the university, which includes the schedule of all the three CIE's, details of the events to be conducted at institute & Department level, Dates for Mentoring & Parents-Teachers meeting and details of the public holidays. Department calendar of events based on the institute calendar of events is prepared highlighting the list of events to be conducted to fill the curriculum gaps such as guest lectures, workshops, FDP's and Industrial visits is prepared and published. Teaching Learning Process followed by the department is as under: ? The Head of the Department conducts a faculty meeting to address about the subject allotment based on their preferences and gives the guidelines for effective classroom teaching. ? The timetable coordinator prepares the timetable. ? Based on the academic calendar and subject allotted lesson plan will be prepared by the respective course in charges. ? Identification of the weak & Bright students will be done and necessary action will be taken to improve their performance. ? Faculty members would have to counsel after each CIE taking in to account the performance & periodic monitoring of each student is done. ? Student's performance and attendance will be intimated to the parents after each CIE through calls & SMS. ? After the end of the semester & upon completion of exams, performance of the students is analyzed and is documented.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	01/06/2020	0	NOT APPLICABLE	NOT APPLICABLE

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	01/06/2020
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
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BE	CSE	29/07/2019
BE	ECE	29/07/2019
BE	ME	29/07/2019
BE	TCE	29/07/2019
Mtech	Computer Science Engineering	26/08/2019
Mtech	Digital Electronics	26/08/2019
Mtech	Machine Design	26/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
TCS Company Specific Training for 7th Sem	27/07/2019	148
Personality Development Training Program for 7th Sem	05/08/2019	394
PDP Training Pre Assessment Test for 7th Sem	05/08/2019	262
TCS Special Copmany Specific Training (Shortlisted Students)	13/08/2019	63
Campus Induction Program for 1st Sem	13/08/2019	242
PDP Training Pre Assessment Test for 5th Sem	13/08/2019	317
Personality Development Training Program for 5th Sem	13/08/2019	393
PDP Training Pre Assessment Test for 3rd Sem	20/08/2019	237
Personality Development Training Program for 3rd Sem	20/08/2019	314
AMCAT Employability Assessment TestTest Through VTU for 7th Sem	10/08/2019	60
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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BE	CSE	104
BE	ECE	123
BE	ME	145
BE	TCE	43
Mtech	CSE	2
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>KSIT has a formal mechanism to obtain feedback from its stakeholders at different levels. The feedback thus collected is communicated to the University and implemented as a part of teaching and learning process. The Institute has different mechanisms to obtain feedback from its stakeholders (Students, Parents, Teachers, Employers and Alumni). The students feedback thus obtained is analyzed and communicated to the University by the Head of the Institute. This feedback obtained was used to find curriculum gaps and was used as a tool to conduct curricular enrichment programs. Feedback was also collected from final year students and analyzed as program end survey even feedback was collected from Alumni and also from the employers or its industry partners as Industry-academia feedback from time to time to make effective from the employer's point of view. Feedback is also taken from the parents through annual parent teacher meeting and will be recorded and necessary action was incorporated. The feedback collected from stakeholders was analyzed and suggestions were communicated to the University for promoting effective learning and also to enhance and enrich the University curriculum.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	CSE	144	124	124
BE	ECE	144	112	112
BE	ME	144	52	52
BE	TCE	72	9	9
Mtech	CSE	24	1	1
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1463	3	94	3	97

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
99	97	8	20	7	8
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institution has a mentoring system for every student. Every student is given a Mentor Book in which he fills up all the information and hand it over their respective mentor. For every twenty students a mentor is identified by the concerned head and the student remains with that mentor though out his/her stay in the institution. The mentor monitors their performance through internal assessment tests and informs their parents about their marks and attendance and calls them for parent's teacher meeting and provides suggestions for their improvement. After every internal test and semester end exam the students are counseled. A meeting with the parents along with HOD and Principal was conducted for the weak students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1466	97	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
15	15	Nil	Nil	Nil

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mrs Jayasudha B S K	Assistant Professor	Outstanding Small student Branch Counselor, IEEE Bangalore Section
2019	Prof Umashankar M	Associate Professor	Recognition in KSCST
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	TCE	VIII/2019-20	27/08/2020	27/09/2020
BE	ME	VIII/2019-20	27/08/2020	27/09/2020
BE	ECE	VIII/2019-20	27/08/2020	27/09/2020
BE	CSE	VIII/2019-20	27/08/2020	01/10/2020
Mtech	CSE	IV/2019-20	05/09/2020	23/09/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation (CIE) Internal Assessment Test • After commencement of the course, Department conducted three internal tests, scheduled in accordance with the university and college calendar of events. • Internal Assessment schedule and conduction was monitored by Internal Assessment (IA) Coordinators. • Course Coordinators prepared the Question papers and Scheme of Evaluation for their respective course and submitted to IA coordinators. • Question paper was scrutinized by the Module Coordinator. • Two Question papers (set A and set B) was set for each Course. Among them, one was been selected for IA. • Course coordinator followed the scheme and solutions for each test and assessed the performance of students. Seminar Work Evaluation

- Head of the Department selected a senior faculty member as a Seminar coordinator. He along with other faculty assessed Technical seminar presentations by the students. He ensured that the students selected advanced topics in Mechanical Engineering and allied research areas with a lot of relevance and applicability. • Every student presented the selected topic in the eight semester as per the schedule mentioned prior in Time Table and Department Calendar of events. • Seminar coordinators evaluated according to rubrics, for evaluation of seminar. Project Work Evaluation: • Project batches were formed as per the instruction given by project coordinators. • Synopsis was submitted to the project coordinators for scrutinizing. Project Batches are allotted to the internal guides based on the specialization and domain expertise of the faculty members and student's preferences was considered too. • Each internal guide, continuously monitored their students on a weekly basis to observe the progress in their work. • Project guide along with project coordinators conducted three project reviews as per the rubrics, which was set by the Department and then submitted the Internal Assessment marks to the Head of Department. • External Project Viva voce was conducted by the panel of examiners deputed by the University. Based on the viva voce, the marks were awarded to the students and submitted to the university. • Department encouraged the students to participate in Project Exhibition and the project Guides motivate, guided the students to publish their work in standard conference/journals.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

- Academic Calendar shows the entire academic activity, beginning with the commencement of classes up to the end of the semester including the practical examinations. • Academic Calendar is a comprehensive guide to carry the academic activities with ease. It was circulated among the teaching fraternity

and also students before the start of the semester. • Academic calendar is the back bone for teaching and learning process where in the teaching methodology was shown in an organized manner. The institution ensures effective time management and appropriateness by adhering to the timeline received by the University. • Institution refers the academic calendar in order to adhere to the planned curriculum and other activities. This allows the faculty and the students to space out their teaching, learning process and regular assessments. • A committee for creating and organizing the academic calendar was formed by the institution. The committee consists of the Principal and other core members. • Faculty members prepared the "Lesson Plan" as per the academic calendar. This in turn will project their teaching plans well before the commencement of a semester. • Timetable in-charge of each department prepared the timetable as per the guidelines of the affiliated University and statutory bodies. • Regular staff meetings were conducted to ensure adherence to the schedule given in the academic calendar. In case of any unusual and unscheduled break in the working day, the staff committee meets again to work out a schedule to compensate the working days. • While forming the academic calendar, the institution adhered to the minimum number of working days and teaching days. • Academic activities were always given priority and all other activities are performed without disturbing the classes. The Monthly Internal Assessments were conducted as per the academic calendar and student evaluation process was performed in a transparent manner. • Academic Calendar shows the Continuous Internal Examination (CIE) performed in terms of three Internal Assessments (IAs). The scheduled dates of IA1, IA2 and IA3 were also shown in the calendar. IA question papers were set based on the Outcome Based Education (OBE) format. • The best of two IA marks (2015 scheme) all the three IA Marks (2017 2018 scheme) was used to calculate the final internal marks attained by the student. These marks are also considered to decide the course of nature for teaching slow students and rectify their performance before the external examination.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.ksit.ac.in>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PG	Mtech	CSE	1	1	100
UG	BE	TCE	44	43	97.73
UG	BE	ME	134	130	97.01
UG	BE	ECE	113	110	97.34
UG	BE	CSE	126	124	98.41
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.ksit.ac.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	180	KSCST	0.05	0.05
Minor Projects	180	KSCST	0.04	0.04
Minor Projects	180	KSCST	0.05	0.05
Minor Projects	180	KSCST	0.05	0.05
Minor Projects	180	KSCST	0.05	0.05
Minor Projects	180	KSCST	0.06	0.06
Minor Projects	180	KSCST	0.05	0.05

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on "Web and User Interface Development	Computer Science and Engineering	01/08/2019
Seminar on Smart India Hackathon-2019	Computer Science and Engineering	14/09/2019
Workshop on Android App Development	Computer Science and Engineering	28/09/2019
24 hour State Level Hackthon	Computer Science and Engineering	12/11/2019
Faculty Development Program on Problem Solving with Python	Computer Science and Engineering	03/01/2020
Academic Development Program	Computer Science and Engineering	27/01/2020
Seminar on Blockchain	Computer Science and Engineering	05/02/2020
Seminar on Cracking code	Computer Science and Engineering	18/02/2020
16th Karnataka State Level ISTE Student Convention on Swift: Smart World Through Innovative Future Technology	Computer Science and Engineering	22/02/2020
Seminar on Hyper local	Computer Science and	06/09/2019

content with GAIUS Networks	Engineering	
Three Days FDP on OUTCOME BASED NBA	Electronics and Communication Engg.	17/07/2019
Five-day Academic Development Program	Electronics and Communication Engg.	27/01/2020
WORKSHOP on SIDE EFFECTS OF MOBILE PHONE AND WIRELESS RADIATIONS	Electronics and Communication Engg.	10/08/2019
WORKSHOP on APP Development Programme	Electronics and Communication Engg.	28/09/2019
One-day workshop on "Robotics	Electronics and Communication Engg.	30/09/2019
A 2 days workshop on Image Video Processing using Raspberry Pi	Electronics and Communication Engg.	01/10/2019
One-day workshop on "Arduino	Electronics and Communication Engg.	31/10/2019
Guest Lecture on Microwave Antennas :Advances and Applications	Electronics and Communication Engg.	31/08/2019
Social media Networking Impacts on College Students	Electronics and Communication Engg.	25/09/2019
Entrepreneurs life and career opportunity	Electronics and Communication Engg.	27/09/2019
Networking Overview on Networking certification	Electronics and Communication Engg.	23/08/2019
Guest Lecture on Advances in Electronics and Communication engg	Electronics and Communication Engg.	08/11/2019
PANEL DISCUSSION ON CAREER TRENDS AND SKILLS FOR SUCCESS IN BUSINESS	Electronics and Communication Engg.	17/11/2019
16th KARNATAKA State Level Student Convention	Electronics and Communication Engg.	22/02/2020
Virtual Inauguration of IEEE KSIT Signal Processing Society Student Branch Chapter and a webinar on Carl Fredreich Gauss and signal Processing	Electronics and Communication Engg.	30/04/2020
EVENT: CODE / n WIN 1.0	Electronics and Communication Engg.	04/05/2020
Online quiz on NOVEL CORONA VIRUS	Electronics and Communication Engg.	23/03/2020
Carl Friedrich Gauss and Signal Processing	Electronics and Communication Engg.	30/04/2020

Adobe illustrator and Adobe XD	Electronics and Communication Engg.	19/04/2020
How to launch your own start up	Electronics and Communication Engg.	21/06/2020
Introduction to MATLAB and Simulink products	Electronics and Communication Engg.	22/06/2020
Importance of internship and opportunities	Electronics and Communication Engg.	01/07/2020
Internship opportunities	Electronics and Communication Engg.	03/07/2020
Exploring data sciences	Electronics and Communication Engg.	04/07/2020
Introduction to ML and full stack development	Electronics and Communication Engg.	08/07/2020
Talk on Internship opportunities	Electronics and Communication Engg.	01/07/2020
workshop on Technical Training Program	Mechanical Engineering	13/08/2019
FDP on MatLab and Latex	Mechanical Engineering	24/07/2019
Seminar on Innovation, Motivation Entrepreneurship in Foundry Industry	Mechanical Engineering	18/10/2019
Workshop on Electric Motorcycle Development	Mechanical Engineering	31/10/2019
Student Chapter of " The Institute of Indian Foundrymen"	Mechanical Engineering	19/09/2019
Technical Talk on "Dimensional Analysis Model Studies for Turbo machines"	Mechanical Engineering	18/11/2019
Importance of IOT (internet of things) in the field of Mechatronics	Mechanical Engineering	24/02/2020
Workshop on "Dress Elements of Engineering Components using finite element analysis"	Mechanical Engineering	20/01/2020
Workshop on Fundamentals of GDT, hands on training on 2D 3D drawing using AUTO Cad software.	Mechanical Engineering	27/01/2020
Recent Advances Trends in Mechanical Engineering Material Science	Mechanical Engineering	27/07/2020
Importance of Hypermesh in Analysis	Mechanical Engineering	25/06/2020
FDP on "Outcome Based	Telecommunication	19/07/2019

Education- NBA".	Engineering	
Vanquish-2019	Telecommunication Engineering	20/09/2019
Technical Talk on "Internet of things and thingWorx".	Telecommunication Engineering	25/10/2019
Technical Talk on "Digital Marketing, Data Analytics and IOT".	Telecommunication Engineering	27/09/2019
Technical Talk on "Verification of Digital Circuits Using System Verilog"	Telecommunication Engineering	19/11/2019
Technical Talk on "Web and mobile Application Development".	Telecommunication Engineering	15/02/2020
Activity on Speaking skills	Telecommunication Engineering	15/02/2020
Technical Talk on "Enroute College to Corporate"	Telecommunication Engineering	25/02/2020
Workshop on "Wireless Embedded Systems".	Telecommunication Engineering	26/02/2020
Workshop on "Embedded systems using Aurdino".	Telecommunication Engineering	28/02/2020
Technical Talk on "Fundamental of Radar and Digital Processing".	Telecommunication Engineering	26/06/2020
Webinar on "Overview of Internet Routing and Switching"	Telecommunication Engineering	26/06/2020
Webinar on "Web Development Using Real time APIs "	Telecommunication Engineering	06/07/2020
Seminar on Internship	Computer Science and Engineering	07/06/2020
Seminar on Industry 4.0	Computer Science and Engineering	22/02/2020
FDP on Three Days FDP on OUTCOME BASED NBA	Computer Science and Engineering	18/02/2020
Seminar on The New vision for Engineering Education in India	Computer Science and Engineering	15/02/2020
Faculty Development Program on MATLAB and Latex	Computer Science and Engineering	27/01/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Outstanding	Jaya sudha B	IEEE	05/01/2020	Outstanding

work as Branch counsellor for IEEE	S K			work as Branch counsellor for IEEE
Design and Construction of an Intergrated domestic organic waste composting device	Prof.M Umashankar	KSCST	27/07/2019	Student Project
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Not applicable	Not applicable	Not applicable	Not applicable	31/07/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1
Electronics and Communication Engineering	1
Mechanical Engineering	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	6	2.1
International	Electronics and Communication Engineering	3	2.08
International	Mechanical Engineering	7	1.2
International	Telecommunication Engineering	6	1.2
International	Basic Science	1	1
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication

Mechanical Engineering	2
Electronics and Communication Engineering	12
Computer Science and Engineering	5
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
DETECTION OF DDOS ATTACK USING HYBRID MACHINE LEARNING ALGORITHMS	Mrs. Sougandhika Narayan	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6 June 2020 ISSN: 2320-2882	2019	0	K.S.Institute of Technology	Nil
HAND-TALK GLOVES WITH FLEX SENSOR	Mrs Sneha Karamadi	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 3_June_2020, ISSN: 2321-7529	2019	0	K.S.Institute of Technology	Nil
IPNEUMONIA PREDICTION USING MEDICAL IMAGE MODALITY	Mrs. Rashmi B H	Journal of Emerging Technologies and Innovative Research (JETIR), June 2020, Volume 7, Issue 6, (ISSN-2349-5162)	2020	0	K.S.Institute of Technology	Nil
DETECTION OF PHISHING WEBSITES	Mrs. Vaneeta M	Journal of Emerging Technologies and	2019	0	K.S.Institute of Technology	Nil

USING MACHINE LEARNING TECHNIQUES		Innovative Research(JETIR),June 2020, Volume 7, Issue 6 (ISSN-2349-5162)				
DEMAND DRIVERS FOR GOLD	Roopesh Kumar B N,	International Journal of Creative Research Thoughts(IJCRT),Volume 8, Issue 3_June_2020 ISSN: 2321-7529(Online) ISSN: 2321-7510	2019	0	K.S.Institute of Technology	Nil
DIAGNOSIS OF DISEASES IN POTATO LEAVES USING IOT	Beena K	International Journal of Creative Research Thoughts(IJCRT),Volume 8, Issue 3_June_2020 ISSN: 2321-7529(Online) ISSN: 2321-7510	2020	0	K.S.Institute of Technology	Nil
Novel CAde/CADx System for Lung Nodules Segmentation and Classification on Computed Tomography Images	Mrs.VijayalakshmiMekali	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019, Scopus Indexed	2019	0	K.S.Institute of Technology	Nil
Integrated System for	Mrs.VijayalakshmiMekali	International Journal of	2019	0	K.S.Institute of Technology	Nil

Classification of Pulmonary Nodules on CT Images		Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019				
Multi-Tier Framework For Optimizing Pairwise Key Predistribution In Sensory Applications	Mrs.Vaneta M	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9 , ISSUE- 2, Pp- 3774-3780, Nov 2019, Scopus Index, UGC Approved	2019	0	K.S.Institute of Technology	Nil
Secure And Optimized Data Sharing Model Group In Healthcare Cloud Environment	Dr. Dayananda R B	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9 , ISSUE- 1, Nov-2019, Scopus Index	2019	0	K.S.Institute of Technology	Nil
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Edge	Dr. B. Sur	Journal	2019	10	Nil	K.S.Inst

detection and contour-based ear recognition scheme	ekha	of Information Technology Research, Vol.12, No .3, pp. 74-92, 2019. DOI: 10.4018/JITR.2019070105 ISSN: 1938-7857 SJR:0.18 https://www.igi-global.com/article/edge-detection-and-contour-based-ear-recognition-scheme/234474 https://www.scimagojr				itute of Technology
Power optimization in MANET using topology management	Dr. P N Sudha	Engineering Science and Technology, an International Journal ,Vol.23, No.3, pp. 565-575, June 2020. Doi.org/10.1016/j.jestch.2019.07.008 [ISSN: 2215-0986] Impact Factor: 3.219 https://www.sciencedirect.com/science/article/pii/S2215098619302101#:~:te	2020	39	4	K.S.Institute of Technology
Shop floor to cloud connect for live	Dr. P N Sudha	International Journal of Computer Integrated	2020	51	1	K.S.Institute of Technology

monitoring the production data of CNC machines		Manufacturing, Vol. 33, No. 2, pp. 142-158, Jan 2020, ISSN: 0951-192X, DOI: 10.1080/0951192X.2020.1718762, Impact Factor 2.861 https://www.tandfonline.com/doi/abs/10.1080/0951192X.2020.1718762?journalCode				
Novel CADe/CADx System for Lung Nodules Segmentation and Classification on Computed Tomography Images	Mrs.VijayalakshmiMekali	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-28, December 2019, Scopus Indexed	2019	Nil	Nil	K.S.Institute of Technology
Integrated System for Classification of Pulmonary Nodules on CT Images	Mrs.VijayalakshmiMekali	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019, Scopus Indexed	2019	Nil	Nil	K.S.Institute of Technology
Multi-Tier	Mrs.Vaneta M	International	2019	Nil	Nil	K.S.Institute of

Framework For Optimizing Pairwise Key Predistribution In Sensory Applications		Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9 , ISSUE- 2, Pp- 3774-3780, Nov 2019, Scopus Index, UGC Approved				Technology
Secure And Optimized Data Sharing Model Group In Healthcare Cloud Environment	Dr. Dayananda R B	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9 , ISSUE- 1, Nov-2019, Scopus Index	2019	Nil	Nil	K.S. Institute of Technology
Cost effective spectrum utilization for futuristic cognitive radio based services	Dr Chanda V Reddy	International journal of innovative technology and exploring engineering (IJITEE), ISSN2278-3075, Volume -9, Issue-4 ,Feb-2020 http://www.ijitee.org/wp-content/uploads/papers/v9i4/D1616029420.pdf	2020	40	Nil	K.S. Institute of Technology
A novel and	Mrs Rekha N	International	2019	19	Nil	K.S. Institute

Integrated architecture for Identification and cancellation of noise from GSM signal		journal of electrical and computer engineering (IJECE), ISSN2088-8708, Volume -9, Issue-5, Oct-2019 http://ijece.iaescor.com/index.php/IJECE/article/view/17289/13003				of Technology
implementing and analysing FAR and FRR for face and voice recognition using KNN CLASSIFIER	Mr Dinesh kumar D S	International journal of intelligent unmanned systems (IJ IUS), emerald publishing limited, 2049-6427, Volume -8, Issue-1, Oct-2019	2019	9	Nil	K.S. Institute of Technology
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	60	76	92
Presented papers	2	Nil	Nil	Nil
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Visit to Government School on 15th Feb 2020	KSIT	1	119
Social Media Networking Impacts on College Students	KSIT	7	228

ANNUAL SPECIAL CAMP GRAMA SWARAJYA-2020	GRAMA SWARAJYA HIGH SCHOOL, KANAKAPURA	78	265
REPUBLIC DAY	KSIT	98	271
SEVATHON	HINDU SEVA PRATISHTHANA	36	381
HASIRU ABHIYANA PROGRAM	JAYAMANGALA GRAMA PANCHAYAT, MALUR, KOLAR DISTRICT	31	221
Swachh Bharat	GOVT SCHOOL YELECHANALLI, BENGALURU	44	328
Nutritional Diet awareness on 14/09/2019:	VHD HOME SCIENCE, BENGALURU	37	271
Cauvery Calling-Action Now on 31/08/2019	ISHA Foundation	16	165
INDEPENDENCE DAY	KSIT	67	247
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Outstanding work as Branch counsellor for IEEE	Recognition	IEEE	100
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	ISHA Foundation	Cauvery Calling-Action Now	16	165
Swachh Bharat	GOVT SCHOOL YELECHANALLI BENGALURU	Swachh Bharat	44	328
Gender Issue	ASH Committee KSIT	Social Media Networking Impacts on College Students	14	228
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
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Reviewed Paper for ICEECOT 2019 held on 13th 14th Dec 2019	Dr P N Sudha	Nil	1
Resourse person for International webinar on Recent Trends in information Technology Entrepreneurship and Innovation	Dr P N Sudha	Nil	1
Advisory committee	Dr.Sangappa B	Nil	2
Session Chair	Mrs. Jayasudha B S K	Nil	1
Jury member for BITES Xcelerator student Project awards	Dr Ram P Rustagi	Nil	1
Jury member for BITES Xcelerator student Project awards	Dr. Rekha B Venkatapur	Nil	1
Research Collaboration with AMC Engineering College Bangalore for Competative Research funding Scheme	Dr. Rekha B Venkatapur	Nil	240

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Temporary	Internship	Tequed Labs Pvt Ltd	01/06/2020	31/07/2020	6
Temporary	Internship	SBA Business Solutions	01/06/2020	31/07/2020	1
Temporary	Internship	Prinston Smart Engineers	01/06/2020	31/07/2020	6
Temporary	Internship	Niladvantage Technologies	01/06/2020	31/07/2020	4

Temporary	Internship	Microsoft Partner	01/06/2020	31/07/2020	4
Temporary	Internship	Innovation Creation	01/06/2020	31/07/2020	6
Temporary	Internship	Hebeon Technologies Pvt Ltd.	01/06/2020	31/07/2020	4
Temporary	Internship	Glisten Project solutions	01/06/2020	31/07/2020	3
Temporary	Internship	Cymbaline Innovations	01/06/2020	31/07/2020	1
Temporary	Internship	Appslucent Software Pvt Ltd	01/06/2020	31/07/2020	1
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
GAIUS Hyper Local Pvt Ltd.	17/01/2020	Guest Lecture on Hyper local content with GAIUS Networks	65
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3800000	3735194

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with LCD facilities	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsoft	Fully	9.8	2019

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	31615	7808450	271	124339	31886	7932789
Reference Books	3635	1267829	87	25357	3722	1293186
e-Books	23348	720840	21113	Nil	44461	720840
Journals	550	1108110	21	70260	571	1178370
e-Journals	38035	9855516	5700	1189500	43735	11045016
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	1085	Nil	117	Nil	1202	Nil
Library Automation	9	79500	Nil	Nil	9	79500
Weeding (hard & soft)	Nil	Nil	Nil	Nil	Nil	Nil
Others(s pecify)	Nil	Nil	Nil	Nil	Nil	Nil
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	01/06/2020
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	667	463	0	0	122	18	64	50	0
Added	0	0	0	0	0	0	0	0	0
Total	667	463	0	0	122	18	64	50	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1100000	1091948	4500000	4460409

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

• The college has state-of-art laboratories and well furnished classrooms. Every department maintains seminar halls, classrooms and laboratories in specific. • College has employed adequate staff who oversees the maintenance of buildings, classrooms and laboratories and also ensure hygienic and clean environment in the campus. Pest control measures are undertaken periodically to ensure a pest free zone. • Periodic maintenance of equipment in laboratories is done and non-serviceable equipments are replaced. Maintenance of lifts, CCTV cameras and water purifier is done regularly through Annual Maintenance Contracts (AMC). • The parking facility is well maintained. The campus is monitored through CCTV cameras, placed in areas which cover the entire campus zone. • HODs of each department submit periodic budget for department requirements and maintenance. The requirements are evaluated before the beginning of every semester and are approved for execution. Proper inspection methods are employed to verify the stock at the end of every academic year and a stock verification report is generated and maintained. • All the facilities provided in the college like the laboratories, computers, library are utilized by students and staff for various projects and research activities. • The institution has well developed and maintained website, that reflects all the activities organized and executed in the campus and off the campus. • Conferences, seminars, technical talks and many technical events for students as well as staff are organized and conducted using Conference Hall and various seminar halls. Two Board Rooms, Principal's Office and HODs' Office at department level are used to conduct meetings regularly. • Internet laboratory is used to conduct many workshops and faculty development programs. It is also used to carry out University exam paper online evaluation. • Online Laboratory and Group Discussion Rooms are well maintained and are utilized during recruitment drives by various companies visiting the college. Online laboratories are also utilized for V.T.U digital valuation. • The college has badminton, volleyball and throw-ball courts and a kabaddi field. Students utilize the play ground to practice sports and games. They have participated in various university sports and games and also won many laurels to the college.

<http://ksit.ac.in/naac>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Concession - Merit, Economical Backward Class, Community	93	4146040
Financial Support from Other Sources			
a) National	Government	21	639685

	Sources - Supernumerary Quota		
b)International	NIL	Nil	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
PDP Training Pre Assessment Test for 7th Sem	05/08/2019	262	Seventh Sense
Personality Development Training Program for 7th Sem	26/08/2019	394	Seventh Sense
Personality Development Training Program for 7th Sem	09/08/2019	394	Seventh Sense
Personality Development Training Program for 7th Sem	08/08/2019	394	Seventh Sense
Personality Development Training Program for 7th Sem	07/08/2019	394	Seventh Sense
Personality Development Training Program for 7th Sem	06/08/2019	394	Seventh Sense
Personality Development Training Program for 7th Sem	05/08/2019	394	Seventh Sense
TCS Company Specific Training for 7th Sem	29/08/2019	148	Seventh Sense
TCS Company Specific Training for 7th Sem	28/08/2019	148	Seventh Sense
TCS Company Specific Training for 7th Sem	27/08/2019	148	Seventh Sense
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for	Number of benefited students by	Number of students who have passed in	Number of students placed
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		competitive examination	career counseling activities	the comp. exam	
2019	CSI IEI	Nil	100	3	78
2019	ALUMNI	Nil	78	1	53
2019	Career Counselling	Nil	200	Nil	Nil
2019	ALUMNI	Nil	60	1	23
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	8

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
INFOSYS	235	46	COGNIZANT	85	6
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	CSE	BITS PILANI	MS
2019	1	BE	ECE	VELLORE INSTITUTE OF TECHNOLOGY	M.Tech in Embedded Systems
2019	1	BE	MECH	RAMAIAH UNIVERSITY OF APPLIED SCIENCE	MBA
2019	1	BE	TCE	DAYANANDA SAGAR INSTITUTIONS	MBA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
GRE	4

TOFEL	1
Any Other	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Sports Day	Institution	850
Kannada Rajyothsava 2019-2020	Institution	53
Teachers Day	Institution	400
View File		

5.3 – Student Participation and Activities

5.3.1 – 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	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	VTU INTER ZONE /SINGE ZONE TOURNAMENT 2019-2020	National	4	Nil	1KS16TE018	KARTHIK NARAYAN L
2019	VTU INTER ZONE /SINGE ZONE TOURNAMENT 2019-2020	National	1	Nil	1KS17CS062	ROHITH K
2019	VTU INTERCOLLEGIATE ZONAL TOURNAMENT 2019-2020	National	1	Nil	1KS17ME045	NISCHAL V CHADAGA
2019	ISTE Best Student award	National	Nil	Nil	1KS16EC078	Sadvika Chandra
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Institute has Student council and students actively get involved in various committees. 1. Class Committee - Each UG class has a Committee to review the academic activities, progress and improvement plans of all subjects of all semesters. The committee consists of HOD, Chair person, Class adviser and the students representatives (4 Members/semester/section). The committee will discuss the academic related issues including conduction of classes, question paper pattern and students grievances Guidelines of IQAC and submission of AQAR for Affiliated/Constituent Colleges. 2. Professional Bodies - In professional bodies like IEI, ISTE, CSI, IEEE, IETE, SAE, student representatives actively

participate by conducting Student conventions, chapters, technical events and quizzes etc with the help of faculty members. 3. News Letter Magazine Committee - Students representatives who are nominated in the editorial board help to collect articles, poems, drawings etc from talented students. They compose, edit and take initiative in printing the newsletters at Department level and work for the preparation of magazine at college level. Faculties of the editorial board will guide them in the entire process of printing and releasing the magazine. Student editors also involve in preparing the conference proceedings (National Conference/International), souvenir of student conventions conducted in the Departments. KSIT Souvenir
<http://ksit.ac.in/souvenir.html> KSIT News Letter
<http://ksit.ac.in/newsletter.html> CSE
http://ksit.ac.in/images/1591952619816_image.pdf ECE
http://ksit.ac.in/images/1592762026243_image.pdf Mechanical
http://ksit.ac.in/images/1591331973250_image.pdf Electronics and Telecommunication http://ksit.ac.in/images/1571122287580_image.pdf 4. Cultural Committee - The institution conducts annual cultural Fest Ananya, First year Inaugural function, Fare Well function through Cultural committee. From all departments, students representatives will be the members of Core committee, creative committee etc. They will help the faculty in charge in organizing these events. <https://www.facebook.com/ananyaksit/> 5. NSS Committee - Students contribution to the society is significant and KSIT students always show their concern in this regard. There is a NSS unit in the institution and volunteers of this committee will organize programs like NSS Camps, Swatch KSIT, Blood donation, Red cross etc. <http://ksit.ac.in/nss.html#committee>
<http://ksit.ac.in/redcross.html> 6. Sports Committee - Every year, KSIT Sports meet will be organized and student volunteers will help physical Education Director in organizing team events and Individual events.
<http://ksit.ac.in/sports.html> 7. Anti ragging Committee - Student representatives will play a major role in informing ragging cases, helping to create harmony and to curb ragging. 8. Anti sexual harassment Committee - Girl students and Lady Faculty Members will be the members of this Committee. The student members of the committee will report about any harassment issues to the concerned Committee coordinator for further action.
http://ksit.ac.in/disciplinary_measures.html 9. Grievance Committee - Any type of Grievances regarding common facilities or academic related issues will be brought to the notice of the concerned by the student members of this Committee. Regular interactions are scheduled through meetings. If any grievances are reported, then faculty member who is the Coordinator of this committee will bring it to the notice of higher authorities. Further, the matter will be resolved soon through follow ups.
<http://ksit.ac.in/grievance.html>

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

412

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1.The Annual alumni meet was organized on 10th November 2019 and total 106

participated in the whole day events. Ms. Sree Lalitha.V , Alumni of 2010 and currently working as Deputy Manager, Continental India Pvt.Ltd. was present as the Chief Guest for the Alumni Meet. Mr.Nagendra B.M an Alumni of 2014 and working as Script Writer and Content Director for Kannada Film and TV Industires, was present as Guest of Honor. Mr.K.V.A.Balaji, CEO K.S.Group of Institution, and Mr.K.Ramanarshima, Principal of KSSEM and Dr.T.V.Govindaraju Principal of K.S.I.T and Rector of the Alumni Association were also graced the occasion. <http://ksit.ac.in/alumni.html#events> 2.Technical Talk on Career Guidance was organized on 06th Jul 2020 for 8th and 6th Sem students. Mr. Shashavth Bhaskar, Technical Project manager, Security Champion, Intel Corporation is a Alumni of CSE 2010 Batch. 3.Workshop on INTROARUINO - 2020 was organized on 28th Feb 2020 to 29th Feb 2020. Mr. Bharath and Mr. Rahul, Alumni of TCE, Having own Startup Inversa Technosoft are the resource persons in the workshop. 4.Technical Talk on Enroute College to Corporate was organized on 25th Feb 2020 by the TCE departments for 8th and 6th sem students. Mr. Nithis H M was very motivational speaker and he is Alumni of TCE 2016 batch, he shared with us his knowledge on busting myths, Time files and Trends. 5.Technical Talk on Web and Mobile Application Development was organized on 15th Feb 2020 for 6ht Sem Students. Mr. Raghu K, Application Developer, Accenture was organized by Department of TCE. 6.Workshop on Simulation Using NI was organized on 10th Oct 2019 for 3rd semester Students, Faculty and non-teaching faculty in DSP lab of ECE departments by the ECE department. Dr. Ravi Kumar Associate Professor,SJBIT , Mr. Bhaskar, Asst.Prof, SJBIT are the resource persons for the workshop. 7.Technical Talk on Digital Marketing, Data Anlytics and IoT was organized on 27th Sep 2019, Mr. Bharath Gowda, Mr. Rahul Kumar, Alumni of TCE 2017 Batch are the resource persons for the event. 8.Career Guidance Talk on Entrepreneurs life and career opportunity was organized on 27th Sep 2019 by the ECE department, Mr.Gurusharan ,Pathfinder, NRI CEO is alumni of ECE 2014 batch, 78 students are participated in the event. Mr. Gurusharan presented the talk on " Entrepreneur's Life and Career opportunity". 9.Technical Talk on Networking overview on Networking certification was organized by the ECE department on 23rd Aug 2019, Mr. Akhil Mohan currenty working as Flat form Operation Engineer, in Akamai Technology, he is alumni of ECE department talk on networking. 10.Internship Program on Alumni Association was organized on 17th August 2019 and total 100 students of final year were participated in the event. Mr. Greeshma from Gaiuss Company Pvt Ltd and Mr. Pavan Raj from Take It Easy Ltd. India , are Alumni of CSE 2017 Batch. Events
Link:http://ksit.ac.in/images/naac_2019_CRITERIA5_1602152506732.pdf

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Mention two practices of decentralization and participativemanagement during the last year The institution encouraged a culture of active participation by including all the stakeholders inall activities. Few practices of decentralization and participative management are listed below. • Annual Budget:The variousdepartments preparedthe annual budget by taking inputs from the Lab-in-charges and others in the department. Each Lab-in-charge is asked to give his requirements for consumables, maintenance and repairs, replacements any new equipment purchase. A departmental meeting is conducted in which these requirements are compiled and a department budget is prepared, discussed and finalized. This departmental budget is submitted to the principal who prepared the Institutional Budget by combining the all the departmental budgets including, office, placement and training, sports etc. A budget meeting was convened and all the departmental heads participated in this to finalize the Institutional Budget that was put forth before the Management for kind

sanction. Total annual budget requested for the year 2019-20 was Rs1429.27 Lakhs. The Management approved the budget for Rs1400.00 Lakhs. This Budget was utilized by all departments for Recurring and Non-recurring expenditures such as purchase of new equipments, alterations required to labs, staff rooms, office, furniture, computers and support systems, software, RD procurement, RD and departmental consumables etc. Total expenditure of the institution for the academic year 2019-20 was Rs.1284.05 Lakhs which included all the events. • Various programs conducted during academic year 2019-20: Institution normally conducted various events like, First year Inauguration Day, Alumni Meet, State level ISTE Convention, Sports Day, Graduation Day, College Fest Ananya and Project Exhibition. Due to COVID-19 pandemic in 2020, few events like College Fest Ananya and Project Exhibition had to be called off because of non-availability of students on the campus. Alumni Meet 2019-20: This event was held on 10th November 2019 in KSIT conference hall at 11.00 am. Management Heads were present in the occasion and were supported by alumni. Ms.SreeLalith V, alumni of 2010 is currently working as Deputy Manager in Continental India Pvt. Ltd. was the Chief Guest and Mr.Nagendra B. M, alumni of 2014, Script Writer Content Director in Kannada Film and TV industries, was invited as Guest of Honour for the Alumni Meet. State level ISTE Convention: 16th Karnataka State Level ISTE Student Convention was held on February 22, 2020 in KSIT Bangalore. Shri.Tejaswi Surya, Member of Parliament, Bangalore South, was the Chief Guest and Dr.D.S.Suresh, Chairman, ISTE Karnataka was the Guest of Honour. There were around 650 students all over Karnataka who took part in the events. There were 12 events conducted by the ISTE Committee. Sports Day: Annual Sports Day 2019-20 was held on 7th March 2020 at UCPE Stadium, Bangalore University. Chief Guest Mr.Vidyamani Puttanna, Guest of Honour Dr. Rajesh Y H with Management Heads inaugurated the event. 10 events were conducted for Men and 8 events for women. 850 students were participated in events.

6.1.2 – Does the institution have a Management Information System (MIS)?

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The curriculum was prescribed by the affiliating university namely, Visvesvaraya Technological University (VTU), Belagavi. The curriculum undergoes a revision once in four years in the normal course. During every revision the tentative syllabus would be displayed on VTU website and feedback from concerned faculty of all colleges would be taken and appropriate changes would be incorporated and then finalized by the Board of Studies Thus the institution encourages faculty to contribute and enrich the curriculum during the course of its revision.
Teaching and Learning	The faculty carefully designs the delivery content, student participation activities and the assignments to be completed by the students during the semester for every subject. They go about implementing their plans to the

last detail. A continuous evaluation of the progress of students has been adopted. The institution has adapted to put into practice a novel idea in teaching-learning process, using different Pedagogy to make teaching learning more effective. Online classes have been conducted during even semesters using various platforms such as Zoom, Cisco WebEx, etc, due to COVID 19 pandemic.

Examination and Evaluation

The University executes online Question Paper Distribution System (QPDS) for semester end exams for all affiliated colleges. QPDS is adopted to conduct Semester End Examination (SEE), in which question paper will be sent online by VTU just half an hour before the commencement of exams and evaluation will be done by using Digital Valuation System (DVS). Due to COVID - 19 pandemic terminal even semester SEE was conducted with utmost precautions and intermediate semester's SEE is being evaluated on the performance of CIE and previous semester exam results. Continuous Internal Evaluation (CIE) was taken care by setting two Question papers for each course and one will be selected by the Principal and that will be handed over to test coordinator who will make all the arrangements to administer the question paper. This process was followed for odd semesters. Due to COVID-19 pandemic, even semester's CIE was conducted online using Zoom platform.

Research and Development

The institution has engaged in research and development with 4 VTU approved research centers to facilitate faculty to pursue research activities and executing sponsored projects. Students in particular can work on current technology through mini-projects and experiments in identified areas beyond the coverage of the syllabus thereby they acquire the knowledge/skills. Three research scholars have been awarded with Ph D degree from KSIT research center during academic year 2019-2020.

Library, ICT and Physical Infrastructure / Instrumentation

The digital library has 18 computers and it uses library Management software Libsoft (9.8.5 Version). As a member of VTU-Consortium, the institution has license to access the e-Resources such

	<p>as Science Direct, Springer, Taylor Francis and Knimbus for the year 2019-20. A Newer editions of Library books as per VTU syllabus is upgraded.</p> <p>Each branch has at least two ICT enabled classrooms which makes the classes more interactive. As per the revised syllabus new equipments have been purchased for laboratories.</p> <p>Furniture and accessories have been upgraded in office and administration sections.</p>
Human Resource Management	<p>Recruitment is made as per requirement through advertisements in paper. The resumes will be collected and scrutinized as per requirements, by HODs under the guidance of Principal and CEO. The shortlisted candidates will be called for interview. The selected candidates will be called for second round of discussion with the management. The selected candidates will be offered an appointment letter.</p>
Industry Interaction / Collaboration	<p>The institution continued to propagate industry connect through: 1) Technical talks / Invited seminars 2) Industry visits / Tours 3) Students' project work / Internships 4) MOU (Memorandum of Understanding) During the academic year 2019-2020, an MOU was signed with GAIUS networks Pvt Ltd, NEWYORK and CSE Department of KSIT. Departments have conducted many events in collaboration with MoU signed industries regularly.</p>
Admission of Students	<p>The institution followed the admission as per government rules by considering the students through CET, COMED-K and Management quota. Concession of fees was provided to the students admitted through Management quota, Community students, economically poor students and outstanding students.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	<p>The institution uses Tally software to maintain and manage the inflow and outflow of the finances. The accounting starting from the entries till production of statement of accounts and financial reports required for strategic management, in particular strategic planning was produced through usage of Tally software.</p>

<p>Student Admission and Support</p>	<p>Student Admission: Not Implemented Support: Institution is using PUPILPOD platform as a communication portal to maintain constant communication with the parents and students. A parent, staff and student login is exclusively provided in the PUPILPOD portal for sharing of pertinent information like attendance and academic performance of the student. Information about attendance will be updated and absentee information is sent to each parent through SMS every hour. Students will give their feedback for staff in the PUPILPOD portal twice in the semester. Subject Notes, Power Point Presentations of the Subject, Assignments, Question Bank of Each Modules are available in the PUPILPOD Portal. It helps students in downloading the files whenever required.</p>
<p>Examination</p>	<p>VTU will conduct examinations through QPDS which is an online process. It is software installed by University for smooth conduction of examinations. Question papers will be uploaded through this software just half an hour before the commencement of examinations and the question papers are printed in accordance with the indent placed with the University.</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Mrs. Mohanambica K M	5G communication Networks and its future perspective	NA	1000
2019	Roopesh Kumar B N	Microcontroler Embedded systems	NA	1500
2019	Sougandhika Narayan	Microcontroler Embedded systems	NA	1500
2019	Mr.Raghavendr achar S	Two days workshop on	NA	1500

		Diving in to Deep Learning : Theory and Practice organized by PES university south campus , Bengaluru on 23rd and 24th February 2019.		
2019	Aditya Pai H	Analysis of Causes and Effects of Longer Lead Time in Software Process Under FMEA	NA	8000
2019	Vaneeta M	FDP on Machine Learning	NA	1500
2019	Mr.Madhu.G	Presented paper on emerging trends in mechanical engineering and technology	NA	7080
2019	Mr Dinesh Kumar D S	5G Communication networks and its future perspective	NA	1000
2019	Ms. Swetha B N	FDP on IOT based project design development	NA	2000
2019	Mr.Harish.U	Presented paper on emerging trends in mechanical engineering and technology	NA	7080
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Problem solving	NA	03/01/2020	04/01/2020	9	Nil

	with PYTHON					
2019	Matlab and Latex	NA	24/07/2019	26/07/2019	29	Nil
2020	Insights into the vocabulary of Modern technologies	NA	27/01/2020	31/01/2020	20	Nil
2019	Outcome Based Education -NBA	NA	17/07/2019	17/07/2019	76	Nil

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty development programme on An overview of teaching techniques in strength of materials /mechanics of materials	1	28/08/2019	30/08/2019	5
Faculty development programme on Mat lab and Latex	1	24/07/2019	26/07/2019	3
National level seminar on Additive and Advanced manufacturing	2	19/07/2019	20/07/2019	2
Faculty development programme on outcome based education and NBA accreditation KSIT	3	17/07/2019	19/07/2019	3
Computational methods for Partial differential	2	10/06/2019	14/06/2019	5

equations using MATLAB				
IoT based project design and development	2	24/06/2019	29/06/2019	6
Research Methodology	1	26/07/2019	04/08/2019	10
Bites annual convention -2019	1	22/11/2019	23/11/2019	2
Cyber security	1	02/12/2019	06/12/2019	5
State of art in RF and Wireless communicatio Design	1	29/07/2019	02/08/2019	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
15	Nil	4	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
8	10	2

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution has well experienced auditors who audit the Institutional financial accounts annually. Mr. G Doraswamy Naidu and Mr. L Krishna Murthy company are external auditors. Internal auditing mainly focuses on the following aspects i.e., expenditures, is amount delivered according to the governing rules and regulation and how funds are utilized. Institution accurately maintains documents relating to financial aspects. Institution assets and liabilities are evaluated and documented. The details of receipts and payments are maintained. Details of depreciation are tabulated and verified. Finally an audit report is done. The sanctioned budget for the year 2019-2020 is 1400.00 lakhs and expenditure is 1284.05 lakhs

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Grishma Alpha Academy(IIHT) SV Enterprisers Facilities Building solutions V play Entertainments Climber partners(My captain) Health shotz Uinifest	250913	Sentinel Hack 2.0 5G communication Networks and its future perspective Workshop on "Simulation using NI for Electronics Device Lab" Workshop on "eSim for

robotics Akshaya
vmo(ineuron) CKS
edvantage education
private limited
(Manhattan Review) KSIT
Managem

Electronics MEGA ATV
CHAMPIONSHIP
2020 Internship of
Students Device Lab"

[View File](#)

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KSSEM, Bangalore-560109	Yes	HOD and AUDIT committees of various Depts.
Administrative	Yes	L.Krishnamoorthy and CO	Yes	Principal

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Students were Counselling on various aspects like quality of online classes, IA marks and attendance shortage on 10th MAY 2020 for 4th 6th semesters between 2-4 PM through ONLINE web application 2. Students were Counselling on various aspects like backlogs, IA marks and Internet connectivity issues on 11th JULY 2020 between 2-4 PM through ONLINE web application 3. Students were Counselling on various aspects like backlogs, IA marks and attendance shortage on 14th AUGUST 2019 for 4th 6th and 8th semesters between 2-4 PM

6.5.3 – Development programmes for support staff (at least three)

1. To ensure safety and security of the college, operation of different FIRE extinguishers were demonstrated to the staff in the college campus. 2. ONLINE training and development courses were done by few support staff at KSIT.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. NBA Self Assessment Report is reviewed and submitted to NBA. 2. Rubrics are framed to evaluate project works and mini projects and is under review from IQAC cell 3. Course outcomes and its attainments are checked periodically

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Academic development	27/01/2020	27/01/2020	31/01/2020	100

	programme				
2019	Academic Audit (Internal)	09/01/2020	09/01/2020	10/01/2020	100
2019	NBA SAR Review (MOM attached)	21/09/2019	21/09/2019	30/11/2019	30
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women Day Celebration-EACHFOREQUAL	09/03/2020	09/03/2020	106	Nil
Social Media Impacts on College Students	25/09/2019	25/09/2019	62	106

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
NIL

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Any other similar facility	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	1	10/08/2019	5	SIDE EFFECTS OF MOBILE PHONE AND WIRELESS	To create awareness to people in the ne	120

					RADIATION S	ighbourhood community about the side effects of excessive usage of mobile phones.	
2019	1	Nil	01/08/2019	1	SHELTER FOR TRAFFIC POLICE	Social Responsibility.	Nil

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	01/06/2019	K.S. Institute of Technology, an esteemed institution gives utmost importance in maintaining the dignity and decorum of the institute at all times. Code of conduct and discipline form the important virtue of this institute. Code of conduct is defined for all members of the institution to Principal, teachers, students and support staff. Professional ethics for teachers, dress code for both teachers and students are defined clearly and is been followed strictly. Teachers imbibe moral values to students, to enhance the holistic development of students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
INDEPENDENCE DAY	15/08/2019	15/08/2019	314
Cauvery Calling-Action Now	31/08/2019	31/08/2019	181
Nutritional Diet awareness	14/09/2019	14/09/2019	308
Swachh Bharat	16/09/2019	16/09/2019	372
HASIRU ABHIYANA	21/09/2019	21/09/2019	252

SEVATHON	15/12/2019	15/12/2019	417
REPUBLIC DAY	26/01/2020	26/01/2020	369
ANNUAL SPECIAL CAMP GRAMA SWARAJYA-2020	05/02/2020	11/02/2020	343
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. **Socio-Economic:** The Management donated a sum of INR 25 Lakh to Chief Minister's relief fund, Government of Karnataka, supported the lower strata of the society by arranging and distributing the food due to crisis arising from COVID-19 Pandemic.

2. **Online academic activities:** Due to COVID-19 Pandemic, all academic activities like Teaching, Seminars, conduction of Internal Assessments and evaluation, Webinars, Official meetings, Parent-Teachers meetings were held online using platforms like Cisco Webex, Microsoft Teams, Zoom Meetings, Edmodo and etc. This reduces the paper usage absolutely.

3. **Safe Workplace:** The premises are regularly subjected to Pest control treatment, disinfected by Sterifume process. All employees are scanned for any abnormal body temperature and record the same, provide with hand hygiene solution, face mask, hand gloves. These makes safe workplace, keep in check and as well prevent the spreading of diseases within the campus and as well as the adjoining localities.

4. **Green Campus:** Gradually replacing CFL bulbs with LED bulbs and Digital Library are some of the green campus initiatives. These saves money and hard readout materials.

5. **Energy Saving:** The Institute purchases branded computers and equipment's which are energy savers or energy-efficient models.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Response: Best Practice: 1

1. **Title of the Practice:** Academic Enhancement and Student Augmentation

2. **Objectives of the Practice:** The institution strongly believes in ensuring all round development of its students, thereby preparing its students for both their professional careers as well as personal lives. To realize this, the institution constituted Academic Advisory Board (AAB) at the Group level to advice the Management in all academic matters. The board is chaired Prof. H.P.Khincha, Former Vice Chancellor of Visvesvaraya Technological University and other renowned academicians and a practitioner. The board provides academic guidance to faculty, HODs, principals and all other functionaries. The board also looks into the quality assurance of academic environment in the institution.

3. **The context:** Every institution today is facing a lot of challenges in preparing their students to face the challenges thrown up by both their user systems as well as the society at large. The user systems expect the institutions to develop their students to be more and more employable while the society expects the institutions to make these students better citizens. Many of the soft skills that were being imparted at home in the past are now expected to be given in the institutions during their four years of stay. It is, with this in mind, the institution has designed a comprehensive program for the students that concentrate both on hard skills as well as soft skills.

4. **The Practice:** The institution has a strong Placement and Training Centre that is responsible for handling continuous training. On an average one week in every semester is dedicated to the additional training that is imparted. The spectrum of inputs covered in these programs include: First

year / First Semester: Introduction to Engineering Team Building Smart Goal Setting Time Management Aligning the SOW Building SOP. First Year/ Second Semester: Self introduction and self confidence Corporate Etiquettes Organizing speech Decision Making Presentation Skills Assertive Communication Positive Attitude and Stress Management Second Year / Third Semester: Probability Analytical puzzles Interpersonal Skills Problem Solving and Decision Making Business Communication Blood Relations Phrases and Idioms Jam Sessions Clocks Letters series and Number series: Time, Speed and Distance. Second Year / Fourth Semester: Partnership Seven Cs of Communication Average and Percentage Speed Map Personal Branding Resume Writing People Management e-mail writing Group Discussion and Conflict resolution. Third year/ Fifth Semester: Probability Analytical puzzles Interpersonal Skills Problem Solving and Decision Making Business Communication Blood Relations Phrases and Idioms Jam Sessions Clocks Letters series and Number series: Time, Speed and Distance. Third Year / Sixth Semester: SOFT SKILLS: Group Discussion Interview Skills Sitting Arrangements e-mail writing Directions Resume Writing Profit and Loss Corporate Ethics Learning Styles Partnership Subject - Verb agreement Averages Communication Enhancement Percentage Negotiation Skills. HARD SKILLS: Signal and Systems Digital Communication, Microcontrollers, etc Basic and Advanced C and C++, Advanced J2EE Web Programming, Data Structure etc. Design of Machine IC Engine Heat Exchangers, Springs, Belt, Ropes and Chains etc. Fourth Year / Seventh Semester: SOFT SKILLS: Group Discussion Sentence Completion, Reading comprehension Personal Interview, Antonym and Synonym Percentage- profit and loss Sentence Correction Logical Reasoning Direction Sense Test Para Jumbles Cubes and Venn Diagram, Averages, Ratio and Proportions, Progressions Resume Building Error Deduction, Time Management and Presentation Skills. HARD SKILLS: C-Programming Computer Networks, Data Interpretation and Data Structures. In addition to these, Company Specific Training Programs have been organized. Online assessment and Online Practice Test are conducted . • The institute has a practice of procuring the photo copy of answer books of its students who have secured the highest marks (>80) in all the subjects and these copies are made available in the Library for reference by students and faculty. • The institute awards cash prize for the toppers for each branch in every year. Cash Awards are given to the best outgoing final year student among all branches. The university rank holders, are honored with institutional gold medal. • The institution conducts a project exhibition cum competition during which an external panel of judges evaluate the projects and select the top three projects in each branch. The project that emerges first and second will be awarded with a cash prize and a certificate. • There is an unwritten policy to issue additional books from the Library to meritorious students. A list of these students are prepared in the beginning of every semester based on the University results and given to the Library to operate this facility. • The campus is Wi-Fi enabled. • The institution regularly maintains online communication with the parents to keep them updated about the performance of their wards. • The institution has a mentoring system for every student. Every student is given a Student Register in which he fills up all the information and hand it over their respective mentor. For every twenty students a mentor is identified by the concerned head and the student remains with that mentor though out his/her stay in the institution. After every internal test and semester end exam the students are counseled. A meeting with the parents along with HOD and Principal will be convened if the student performance is poor. • Technical training is imparted by our Alumni and other experts to students participating in various state and national level competitions 5. Evidence of success: 1.Good percentage of eligible students in the institution are placed in various industries. 2.All branches have obtained ranks in the University examinations . 3.Students of the Mechanical Engineering participated in the BAJA and got second place in the state. 4.Students of the Computer Science and Engineering participated in SMART INDIA HACKATHON organized by MHRD, GOI. In

2017, they secured first prize (Cash prize of Rs. One Lakh) in Department of Post and Communication. This was followed by a sanction of a project (Rs. Three Lakhs) for post development. In 2018, they secured first prize of Rs. One Lakh from the Ministry of Railways and second prize of Rs. 75,000/- from the Department of Telecommunication . 5. This Institution got Rs. One Lakh cash prize from the University for sports excellence. 6. The institutional results are always well above the University average. 7. Two university ranks were secured by Computer Science and Engineering department in the year 2018. 6. Problems Encountered and Resources Required: Recruitment scenario needs to be strengthened . Training inputs are to be enhanced to prepare our students for various competitions at state and national level. Sports facilities are to be improved. Best Practice: 2 1. Title of the Practice: Faculty Development. 2. Objectives of the Practice: To attract and retain highly qualified, experienced and committed faculty. To realize this, two renowned Key Resource Persons were appointed. They frequently organize Faculty Development Program (FDP) to enhance the knowledge of the faculties. They further organize Academia-Industry interaction programs where reputed industry personalities share their experiences with the faculty members of the institution. 3. The context: Besides students, faculty play a very important role in an educational institution. They need to be selected as per norms and developed to excel in their profession. Further these faculties will have to be retained. In order to achieve these goals, the institution has the following strategies. 4. The Practice: The institute honors each and every staff who completes 10 years of service. The institute honors all the faculty who secure 100 results in University exams. The institution encourage the faculty to complete their Ph.D. by giving concessions in their Time Table. Faculty are encouraged to attend faculty development programs, conferences, workshops and seminars. The institute also grants marriage leave of 10 fully paid days for young staff who get married. 5. Evidence of success: Numbers of faculty registering and pursuing Ph.D. degree is on the rise. Number of papers have been published in national and international journals. Our faculty have given lectures in EDUSAT Program of Visvesvaraya Technological University. Our faculty have been awarded by various organizations for their excellence. 6. Problems Encountered and Resources Required: The institution needs to enhance computing facilities to all the faculty. The institute needs to organize more workshops and conferences.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.ksit.ac.in/naac>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institute has been committed to its vision stating 'To impart quality technical education with ethical values, employable skills and research to achieve excellence'. It aims at ensuring that a deserving student is not deprived of an opportunity solely on socio economic constraints. Institutes encourages the faculties to enhance their teaching skills in this 'knowledge sharing' process. This will benefit to the students to gain more knowledge in their respective programs. Moreover, institute always believes in the overall development of its students who can be a meaningful part of any organization they may join with high ethics. Apart from regular student training programs, the students are invited to involve in NSS activities which will create awareness about social responsibilities to be possessed by each individual. The students training program involves training the students according to modules prepared suitably for each semester. The institute continued with EVENTS TRAINING PROGRAM (ETP)

which has been successful in the previous years. ETP includes: 1. Campus Induction Program for first semester 2. Personality Development Training Program third, fifth and seventh semester students. 3. Xcelerator Summer Internship Program for 6th semester, Company Specific training for Final year students by Seventh Sense and ABC Technology. Institute has created platforms for students to build their professionalism during their four year of study in the campus. These professional body platforms like ISTE, IEI, CSI, IETE, IEEE, SAE, IFI is helping the students and also the faculty members. Since KSIT has CSI Academic Institution Membership from 2014 till date, the various workshops, technical talks, seminars, guest lectures has been organized under this platform. The Institution provides CSI membership to students for a period of two years. Sentinel Hack 2.0 '24-hour State Level Hackathon' has been conducted with joint venture of CSI and The FIREFOX CLUB. KSIT IEEE student branch is active since 2013 and received Best Student Branch award for the year 2017-18. The IETE Students Forum (ISF) was started at K.S. Institute of Technology in 2015. Since then ISF has been vibrant in conducting various events such as technical seminars, workshops, guest lectures, etc. Our Students are encouraged and motivated to participate in prestigious Smart India Hackathon every year. Team Redline racing from Mechanical Department has successfully designed and fabricated an off-road buggy for a competition conducted by BAJA SAE INDIA, and team won overall 15th All India Ranking in BAJA 2019 held from 6th to 11th Mar 2019 at IIT Ropar, Punjab. Prodigy racers is a motor sport team founded in 2015 and each year the team have been participating in the National Level Competitions. This team participated in Indian Karting Championship 3 Edition held From 14th to 17th February 2019 held at Mohite's Racing Academy, Kolhapur Maharashtra and won overall 7th All India Ranking. Mentoring for students by faculty members has developed systematic road map for students to attain personal and professional ethics due to there is a one to one healthy interaction between the faculty and student.

Provide the weblink of the institution

<http://www.ksit.ac.in/naac>

8.Future Plans of Actions for Next Academic Year

Future Plans of action for next academic year: • The inauguration for the first semester classes 2020-21 is contemplated to be held in the first week of the August 2020 now postponed to November 2020. • For the students who have passed out from the college Alumni meet will be held in the month of November 2020. • During the odd semester break it is proposed to conduct one week camp by the NSS committee of the college. • To donate blood is to save lives a blood donation camp is part of social service was decided to be held in the month of March 2020 but due to covid-19 is postponed to March 2021. • To award degree certificates to the batch of 2019-20 is proposed to be conducted in the month of February or March 2021 as Graduation day. • To encourage the extracurricular activities and to showcase the hidden talents of students, the annual sports day will be held in the month of March 2021 and cultural day 'Ananya' in the month of April 2021. • To enhance the technical skills of the student's National conference and project exhibition is planned to be organized in the month of April and May 2021 respectively. • Faculty development program for different branches schedule as under:- ? Computer Science and Engineering-Technical talk on Insights on Web Application Development during September 2020, Blockchain during October 2020, Technical talk by Alumni during November 2020, Seminar on Cyber security during February 2021, Internship talk during March 2021. Guest Lecture on Hyper local content with GAIUS Networks during April 2020. To develop the technical and leadership qualities among students, state and national level events will be hosted under the banner of professional bodies - CSI, ISTE, IEI and BITES by the department. More emphasis will be given to Research activities by providing support to research scholars by organizing faculty development programs. ?

Electronics and Communication Engineering- Technical Talk on Evolution of NANO Satellites in the month of October, Guest Lecture on Advances in Electronics and Communication engineering in the month of November, Mini project exhibition in the month of October, International Women's Day Celebration in the month of March 2021 and many more. ? Mechanical Engineering-The department has planned to conduct technical activities for students of all semester which will guide them to learn the latest technology. Under SAE club two days seminar on Electric vehicles. The team is ready to participate ATV mega championship 2021 to be held in January at Goa. Team prodgy racers will participate in Go-Kacting event to be held in Coimbatore. Guidance to 7th semester students by senior HR managers of TCS, Bangalore and many more. ? Telecommunication Engineering-Technical Talk on "Internet of things and thingWorx" in the month of October, Vanquish-2020 (IETE) in the month of September, Activity on Speaking skills in the month of February 2020, Technical Talk on "Fundamental of Radar and Digital Processing "in the month of March 2020 and many more.