YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	**K.S. RANGASAMY COLLEGE OF TECHNOLOGY (AUTONOMOUS)**
• Name of the Head of the institution	**Dr.R.Gopalakrishnan**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**04288274748**
• Alternate phone No.	**04288274748**
• Mobile No. (Principal)	**9994150505**
• Registered e-mail ID (Principal)	**principal@ksrct.ac.in**
• Address	**K.S.R Kalvi Nagar, Kuchipalayam (Po), Thokkavadi, Tiruchengode (TK), Namakkal(DT) Tamil Nadu.**
• City/Town	**Namakkal**
• State/UT	**Tamil Nadu**
• Pin Code	**637215**
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	**19/06/2014**
• Type of Institution	**Co-education**
• Location	**Rural**

• Financial Status	**Self-financing**	
• Name of the IQAC Co-ordinator/Director	**Dr.P.Premkumar**	
• Phone No.	**04288274748**	
• Mobile No:	**9790666007**	
• IQAC e-mail ID	**iqac@ksrct.ac.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)
https://www.ksrct.ac.in/assets/pdf/iqac/aqar/AQAR_2022-23.pdf

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

• if yes, whether it is uploaded in the Institutional website Web link:
https://ksrct.ac.in

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.21**	**2012**	**10/03/2012**	**09/03/2017**
Cycle 2	**A++**	**3.56**	**2018**	**10/03/2023**	**09/03/2028**

6.Date of Establishment of IQAC | **01/05/2012**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Mechatronics Engineering	NCC Training	UGC	31/10/2023	1180000
Civil Engineering	Student Project Scheme	TNSCST	20/04/2024	7500
Mechanical Engineering	Technology Development Programme (TDP)	DST	19/03/2024	4100000
Electronics and Communication Engineering	Project Scheme	DST - SERB CRG	22/02/2022	4019092
Electronics and Communication Engineering	Student Project Scheme	TNSCST	26/09/2024	7500
Biotechnology	Project Scheme	DST, New Delhi	30/06/2023	4208150
Information Technology	Student Project Scheme	TNSCST	05/09/2024	7500
Information Technology	Faculty Development Program	AICTE	27/09/2023	350000
Information Technology	Student Project Scheme	MSME	28/02/2024	770000

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI

[View File](#)

9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	Yes	
• If yes, mention the amount	50,000	

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

Monitoring of the academic and non academic process through scheduled internal audits and ensures the quality and Desired Outcome.

Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines of NAAC.

Providing necessary support system for student related issues and also creating awareness about student services. Competitive exams, higher education cell to motivate aspiring students to take up all types of competitive exams.

To ensure the quality and expected outcome, continuous awareness sessions being conducted for the faculty and students.

IQAC works continuously for collecting and collating qualitative quantitative data from every unit of the institution. Maintaining a cumulative record of all the departmental activities/achievements. Through which IQAC Provides information to various government and nongovernmental application / Surveys / data captures and make necessary and prompt follow up.

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

10-02-2025 02:21:28

Plan of Action	Achievements/Outcomes
To motivate the faculty towards identifying new innovations	To motivate the faculty towards identifying new innovations We have implemented a unique scheme to reward the faculty for the Research and consultancy project works carried out in the respective year. Students should be motivated towards participation in industrial consultancy projects.
To conduct internal and external Academic Review audit	Two internal audits were conducted during Jan and June 2023. The external audit conducted during July 2024.
To motivate the students in extra- curricular activities	Extra -curricular activities were organised and students have won the prizes in state, and national levels.
To Enhance the knowledge and efficiency to all faculty.	Faculty Development Program has been organised for the faculty to enrich their skills in video lecturing, and co, po attainment and Mapping.
IQAC calendar	IQAC sets a calendar of academic and quality-improving activities for teachers, non-teaching staff, and students at the start of each academic year.
Feedback from all stakeholders	IQAC collects feedback from stakeholders and submits an analysis to the academic council for Heads and Principal to act on. Feedback analysis is also presented at Governing Body meetings and reported to the institution by BOS and BOE members for curriculum enrichment
Environment and energy audits	Maintain environmental standards as per regulatory norms

Faculty development to enhance their soft skills	All faculty attended the programs to enhance their academic skills.
Sensitize faculty and students towards IPR	37 patents Published and 3 patents Granted

13.Was the AQAR placed before the statutory body?

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	14/06/2024

14.Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2022-23	07/02/2024

15.Multidisciplinary / interdisciplinary

In K.S.Rangasamy College of Technology, the multidisciplinary education is offered to the students in order to enhance the interdisciplinary skills by learning courses offered by other disciplines. Multidisciplinary education to the students in the Institution is offered through Choice Based Credit System (CBCS). Under CBCS, the students have flexibility in learning courses offered by other disciplines. Hence, the students are given the provision to add extra courses during a semester on need basis. The list elective courses offered by other disciplines are offered as open electives where students from any discipline can learn and credits earned by the students are accounted for the award of degree. Students are permitted to learn online courses offered through NPTEL, SWAYAM, Coursera, Udemy, etc, and the credits waiving is permitted to students. Additional skill enhancement courses are offered to students with industry expert in order to empower the industry readiness among the students. Students are also permitted to attend industry internship and industrial training to have

practical exposure in order to improve the employability skills. The curricula offered by the Institution is designed with diverse perspectives of cross cutting issues such as professional ethics, human values, and life skills. Hence, the multidisciplinary in learning promotes the flexibility in learning enabling lifelong learning among the students. The academic curriculum with interdisciplinary enrichment enables the students to learn various course of interest and apply the knowledge and skills in the own discipline of study. The introduction courses in the curricula of R2014 and R2018 related to environment such as Waste Water Management, Environmental Science, Environmental Hazards and Management, Pollution and Its Management, etc, imparts environmental education among the students. Additionally, the value based education is offered through courses including Professional Ethics, Constitution of India and Universal Human Values are offered as mandatory courses where the students learn about the involvement and service to the community. Additionally the students are provided with sufficient awareness about various societal challenges though various outreach activities. Hence, it transforms the students into responsible citizens and also plays a vital role in development of sustainable societies in and around the surroundings of the Institution

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16.Academic bank of credits (ABC):

The mobility of students between programmes by storing and transferring the credits for the award of the degree is facilitated with the use of Academic Bank of Credits (ABC). Hence, it supports for anytime, any-where, and any-level learning. ABC will facilitate mobility among the students and the recognition of credits earned by students across Higher Education Institutions is supported. At K.S.Rangasamy College of Technology, an awareness programme is planned to promote flexibility in curricula framework and interdisciplinary or multidisciplinary academic mobility among the students. The new regulation R2022 is proposed in the Institution for academic year 2022-23. In the proposed regulation R2022 it is planned to offer minor degree/hons. degree as per the norms of the AICTE and state university. The proposed regulation for the minor degree includes list of courses in emerging / multidisciplinary areas including Artificial Intelligence and Machine Learning, Block Chain, Cyber Security, Data Science, etc with 18-20 credits. The minor degree is to be offered to students of different discipline. Additionally, minor courses must be completed in parallel with the major degree courses. Also, after the completion of major degree, minor degree cannot be earned. AICTE had permitted to offer minor degree on Web Design. Two faculty members from CSE Department have

successfully completed the Leadership in Technical Excellence (LITE) faculty training offered by AICTE during 2021 to offer minor degree. The students learning advanced courses in the same discipline with additional credits of 18-20 earns the hons. degree. The minor degree and hons. degree can be offered to the students after the approval of academic council and governing council meetings. The credits of every student are maintained in the Institution to support for the award of minor and hons. degree. The academic bank of credits ensures flexibility in learning and favors for skill upgradation in any discipline of interest in order to promote the students with industry ready. The Institution also encourages the students to learn courses offered by SWAYAM, NPTEL by providing stipends for courses registration.

17.Skill development:

The skill development initiatives finds a new importance and focus on the National Education Policy (NEP) 2020 by the Government of India, and paves the way for building a strong and progressive nation. The holistic skill development of youth from all strides of education is the determining factor to realize the objective of 'Atmanibhar Bharat' (Selfreliant Nation). Emulating the skill-based education, new vocational and technical courses of the thrust areas are urged to be introduced to make our youth more skillful and employable. The skills can be enumerated to give additional impetus to the vocational skills carpentry, plumbing, electrical repairing, horticulture, pottery making, embroidery, and so forth. The prime objective is not only to make our youth more employable but to elevate the standard of living with entrepreneurial spirit. The target of the skill development is to reach at least 50 % of the youth acquire the vocational skills by 2025 depending on the diverse requirements of the skills pertaining to the occupation. This initiative of the government is linked with the theme of 'Vocal to Local', which enables the aspiring youth to find employment in local areas. Hence, the day is not farther when the Indian youth will not be a job seeker but a potential job giver by the skill sets that are imparted to them at different stages of education and training. At the tertiary level, students pursuing their engineering and technical courses can be motivated to be a part of the collaborative with the local trades and skill crafts jobs. This opportunity will make them skill ready to provide jobs to the needy local skilled people. Also, the skilled youth will prove to encourage the local fellow youth to become apprentices irrespective of the trades. Engineering students also have lot potentials to be tapped for catering their varied skills and technical expertise to the needs of the localized trades. Keeping in mind that by 2022, India will have

the largest working-age population in the world, the impetus of garnering the skills of local youth and even non-technical graduates will master the skills-specific and sure to make our nation more self-reliant.

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

Traditional knowledge is exploration of spiritual identity in terms of knowledge, skills and practices which are developed, followed, persistent and carried on from generation to generation among the society. In K.S.Rangasamy College of Technology (KSRCT) the course named "Essence of Indian Traditional Knowledge" is offered for UG students of Regulation 2018. Apart from this, the Institution is going to propose new regulation, R2022 from the academic year 2022-2023. In this regulation, the curricula and syllabi will be designed with more focus on the National Education Policy (NEP) 2020. This new regulation will focus on Indian knowledge system by promotion of Indian languages and culture through online courses and self learning courses. The significance of imparting traditional knowledge among the students is to provide the ancestral values to lead a meaningful life. Indian Knowledge System with the multilingual learning improves learning quality among the students. The social skills and intercultural communication can be enhanced with the use of the multilingualism. The appreciation of local languages promotes cultural awareness with the improvement of creativity and in turn provides better educational value. Hence, it is planned regulation R2022 it is to offer language electives representing courses form different languages which can be opted by the students based on the interest. Multidisciplinary Learning is promoted in the institution by offering courses focusing on cross cutting issues like constitution of India, Essence of Indian Traditional Knowledge, professional ethics, Universal Human Values. The cultural knowledge about other community results in following others cultural beliefs and behaviors enabling unity in diversity. Hence, imparting traditional knowledge reduces the habit of marginalization where the individuals are focused only towards own cultures followed in the host community. The students of this Institution are also supported with global exposure by enabling to learn courses related with tradition, culture, etc., which are offered through online as self learning courses. The sufficient infrastructure facilities are also facilitated to the students to support continuous learning about the traditional heritage. Hence, these courses support for enrichment of knowledge, awareness, expertise to be transferred from one generation to another generation across the community of the country.

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

K.S.Rangasamy College of Technology (KSRCT) is already in line with the Outcome Based Education (OBE) system. The Choice Based Credit System (CBCS) is introduced from the academic year 2014 for all the UG and PG programmes. The objective of competency based education will focus on an integration of outcomes goals in terms of specific skills, instructional experiences to teach the outcomes and assessment process. The OBE is mainly focus on measuring student performance at different levels on the following aspects. Transparency: Focusing on results, OBE generates a transparent anticipation of the top results. Students can understand what they expect, and teachers can understand what they require to demonstrate throughout the course. Transparency is crucial as it is essential to be clear in each category, so that learners are able to advance and also to describe all the data and abilities necessary to accomplish this outcome. Flexibility: The teachers can make their classes according to the student's desires by reading clearly what needs to be done. Consequently, OBE specifies no particular instructional methodology. Teachers are having a freedom to teach any methodology of exploitation. Even, they will be able to acknowledge diversity among students by victimization lots of teaching and assessment techniques in OBE. Course instructors will facilitate students to grasp the concepts easily in any approach like study guides, group work and seminar that make possible for students learning. Analysis: In OBE, the course instructors will analyze the results of a student has accomplished and in which area they are upgraded to analyze the talent and provide individual assistance and map-reading to meet their demands. These activities will help teachers and Institution and also help teachers to monitor the development and enhancement of the student over a certain quantity and to help them accomplish their results. Involvement: Student contribution in an institution is also an essential component of OBE. Students measure exactly should attempt to learn to them, so that the basics is fully understood. Enthusiastic involvement of students permits them to think to blame for their own learning and that they will learn a lot through this individual learning.

20.Distance education/online education:

K.S.Rangasamy College of Technology has been started with an initiative for Distance Education/Online Education to support the perspectives: Technological Readiness: The strategies is planned to support at all levels of readiness in technological capacities of digital learning platform systems to provide the courses to all learners as well as in household access to mobiles, digital devices, internet connectivity and data. Content Readiness: Accessibility for

teaching and learning materials aligned with curricula that can be delivered through online platforms or used for print-based home learning. Readiness of curricular content that cover all levels and all subject domains can be delivered to all learners. Pedagogical Readiness: Preparedness of faculties to design and facilitate online distance learning or print materials based home learning and ability of parents or caretakers to facilitate effective distance learning. Online teaching and learning has emerged as an important tool for students' learning remotely. In this aspect, the Institution has already initiated online education through Impartus and Microsoft Teams, which brings conversations, content assignments together in one place. As a part of Learning Management System (LMS), Institution has indigenously developed tools/platforms for the online education. DigiPro is a web IDE which is designed, developed and maintaining by in-house faculty, which gives more efficient and effective programming skills and improvises the logical thinking ability of students. It is accessible from https://ksrctdigipro.in in both online and LAN environment. Virtual laboratory is a green initiative in this institution for reducing paperwork in the process of academic learning. Online Examination System for Engineering Subjects (OE2S) is an integral part of DigiPro allows faculty to conduct the MCQ based examination. Also, the institution's library portal https://library.ksrct.ac.in/ provides NPTEL videos, web courses, useful links and link to other reputed libraries in for effective online learning. This Institution library is a member of NDLI and DELNET for effective resource sharing. Using Lecture Capturing System (LCS) of this Institution makes it easy for anyone to record, live stream, and share video. With the help of this LCS flexible video platform that can record lectures, flip classrooms, capture student assignments, and engage faculty, students, communities, alumni, and others. This system is also enhancing the learning process and improves student achievement.

Extended Profile

1.Programme

1.1   **26**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **4032**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<u>View File</u>

2.2   **984**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

2.3   **4033**

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

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.Academic

3.1   **521**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.2   **325**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	26

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	4032

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	984

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	4033

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	521

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**325**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**260**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**436**
4.2 Total number of Classrooms and Seminar halls	**105**
4.3 Total number of computers on campus for academic purposes	**1665**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2573.86**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Curriculum Design Process at KSRCT: Effective curricula and syllabi is designed in Board of Studies (BoS) meeting conducted in every semester based on the guidelines of UGC, AICTE, affiliated university and feedback from various stakeholders. Standing committee on academic council deliberates on the curricula and syllabi suggested by members to present at academic council meeting. The academic council, on deliberation, recommends

modifications and suggestions for the implementation.The curricula of all the programmes is framed and updated regularly by focusing on employability as the students are from rural background and first graduates.

The Choice Based Credit System supplements the industry requirement and to develop specific skill sets. One credit courses and open electives are offered with industry experts are introduced from the academic year 2014. Also, the students are allowed to take online courses and self-study courses through NMEICT, SWAYAM NPTEL, ICT Academy Learnathon and Udemy. To enhance the employability, aptitude, soft and life skills are offered through courses such as Career Competency Development, Universal Human Values . Entrepreneurship skills are imparted to students through mandatory courses, Innovation and Start-ups, IDEA Lab.Programming for Skill Development System/DigiPro tool is used to enhance the programming skill among the students for career enrichment.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	Nil

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

25

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

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

520

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

520

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

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

25

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

The curricula of the Institution gives high importance not only

for the technical aspects, also for life skills and sustainability which addresses the environment related and energy related issues.

The curricula pertaining to life skills which addresses professional ethics, gender, Universal Human Values are offered are known as cross cutting issues. UHV course has been introduced in the curriculum to develop a holistic perception for self-exploration among themselves and also with family members. Necessary training has been given and arranged to the faculty who handles these courses.

The various student clubs like Institution Innovation Cell, Entrepreneurship Development Cell, Swachh Bharat, Unnat Bharat Abhiyan, Institutional Social Responsibility Clubs, Service Motto volunteering team, Eco Club, Swacchatha Action Plan etc., are actively functioning to enrich the human values and ethics and significance of environmental protection.

The curricula of R2018 and R2022 includes courses related to environment such as Waste Water Management, Environmental Science, Environmental Hazards and Management, Pollution and its Management, etc imparts environmental education among the students.

One student one tree concept has been implemented at our campus effectively to make the students understand about the environment sustainability. The institution is awarded with "One District One Green Champion" by MGNRCE.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	[View File](#)
Any additional information	No File Uploaded

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

37

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

3035

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

2532

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.ksrct.net/Employer_Feedback/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.ksrct.net/Employer_Feedback/
Any additional information	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1133

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

577

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

2.2 - Catering to Student Diversity

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

Identifying the capacity of students as an advanced/slow learner will help to improve their performance both in academics as well as in their personal life. Identification of students securing less than 50% are identified as slow learners and this practice is being done after each and every Continuous Assessment Test.

Advanced learners are identified by the class handling faculty based on their academic performance and co-curricular activities.Mentoring is provided to both the advanced and slow learners to enhance their skills.

Activities for advanced learners:

- **Facilitated to apply for fellowships and internships and for higher studies Encouraged to do "online courses" in NPTEL, Udemy, Coursera, and other online certifications.**
- **Final semester courses are provided in the fast-track mode facilitating them to go for internships and projects in industry**
- **Special training is being given to advanced / fast learners for placement**

Activities for Slow learners

- **Coaching classes by the course handling faculty for regular courses. The improvement showed by them is recorded and accordingly follow up actions are taken.**
- **The soft and communication skills are given special emphasis for the students from rural background to improve these skills and thereby bring them at par with regular learners.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	**4033**	**290**

File Description	Documents
Upload any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

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

Experiential Learning

Students are taken to Industrial visits and they are encouraged to go for In-plant trainings. Industrial visits are arranged for courses, the students are currently studying or for the courses they have completed. Activity based learning / project-based learning ensures the better outcome. A group of elective / open elective courses are included with practical component so that every student gets an experience of practical learning in the domain of his choice once during the program. 8 weeks Internship is mandatory for every student. Virtual laboratories are used for doing experiments wherever applicable.

Participative learning:

Faculty conduct role play / group discussion/case studies/ Flipped classes in the class rooms apart from conventional teaching methodologies. Flipped class also improves the lifelong learning skills of the students.

Problem Solving Methodologies

This helps students to solve the real-world problems as well as apply the concepts learned in theory. Tutorials are conducted for analytical courses during regular classes. One faculty is allotted for a group of 20 students during the tutorial classes. PSDS, Neopat/examly portal are used for developing the programming skill. Inter departmental codethans are being conducted to improve the problem solving /logic building of the students every year.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	Nil

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

At KSRCT, the importance of digital literacy is understood. All faculty are advised to use ICT tools as and when required and required facilities are provided. All Class rooms are equipped with multimedia projectors and computer connectivity. Further smart class rooms for online learning are also made available. With the system of online learning, all resources are made

available online in MS Teams platform. Quizzes are being conducted through this platform regularly and continuous assessment tests and end semester exams are also conducted using this platform.

Programming courses are taught through PSDS. This is a web IDE that gives more efficient and effective programming skills and improvising the logical thinking ability for students and faculty as well. Unique features of this IDE is that it automatically checks the logic using test cases options.

MOOC/NPTEL courses are taken by students with faculty mentors available for guidance. Course videos from NPTEL and other online resources are made available to students by faculty. Blended learning using MOOC, flipped classes are also being conducted through you tube activities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.ksrctdigipro.in/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

325

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

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

IQAC and Principal prepare the academic calendar and circulate before the commencement of classes in the beginning every year. This contains the annual working days, schedule of all curricular activities including continuous assessments and end semester examinations. The academic calendar is sent as a circular and is made available to the faculty and students. This helps the

students to plan and prepare themselves for internships during semester holidays.

The log book also has the following details helping for effective delivery of the course content to attain the Program outcomes.

- Vision and mission of the Institute and Department

- PEOs, PSOs, Pos , COs and their mapping

- Content beyond the syllabus

- Guest lectures arranged for various topics

- Experiential learning methodology used

- Theory/Tutorial/Laboratory classes handled

- Support classes for slow learners

- Performance analysis of Students

- Remedial measures taken

- Class/personal time table

The academic plan is structured in accordance with the needs of Outcome Based Education.

The contents of the plan include:

- Course pre-requisites Course objectives and outcomes
- Mapping of course outcomes with program outcomes Learning resources Delivery methodologies
- Assessment methods
- Detailed unit wise lecture plan
- Assignment and tutorial questions
- Model question paper
- Link to the video lectures

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

325

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

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

126

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

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

13.02

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

2.5 - Evaluation Process and Reforms

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

12

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

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
Upload any additional information	**No File Uploaded**

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

Examination procedures

All the candidates registering for the examination must follow the Rules and Regulation. Students have to Register for semester examinations as per Academic Schedule. Hall tickets are issued prior to commencement of Examinations.

Question papers are prepared as per Revised Bloom's Taxonomy and Course Outcomes. Question paper setters and Examiners related to various activities are recommended by the concern Board of Studies. Question paper Scrutiny is carried out and any error found is rectified by concerned Module coordinator or subject expert assigned by concern Chairman Board of Studies. Examination Audit is conducted to improve the Examination system.

Processes/Procedures integrating IT

Students are assessed by Continuous internal assessment and Semester End Examinations. Continuous internal assessment is predominantly IT integrated. Question banks are also available in electronic format. Students can track their performance in CTCMS.

Continuous Internal Assessment System

Internal Evaluation generally consists of two tests each carrying ten marks, Three assignment / Tutorial for five marks and two Quizzes for ten marks. Another important step taken towards Skill improvement is Internship. It is made compulsory for all the students and it is mandatory to qualify for the Degree. Provision for Retest and Improvement tests are there for needy students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

Each department has vision and mission statements and they are framed in consistent with the vision and mission of the institute. Program Educational Objectives are framed in consistent with the mission of the department. Program Specific Outcomes are framed to help attain the PEOs and hence the Mission of the department. Every course in the curriculum has 5 course outcomes which are specific and measurable and they help to attain the program outcomes and hence the Outcome Based Education is being practiced.

To help students understand the process of Outcome based education, faculty advisors discuss about Program Specific Outcomes and the Program outcomes in the beginning of every semester in the class. They are further displayed/printed in college website.

Course outcomes for every course offered is included in the syllabus book and also displayed in the website. The faculty handling the course discusses the COs in the class in the beginning of the semester and correlated it when completing the respective portion of the syllabus. All assessment Question papers including tests, assignments/tutorials and quizzes have the questions with the corresponding CO being addressed.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Different assessment methods adopted for COs attainment

Two different assessment methods are adopted to measure the attainment of COs in each course.

1. Direct assessment methods (80%)

2. Indirect assessment methods (20%)

Cumulative COs attainment

COs attainment = [80% Direct assessment + 20 % Indirect assessment]

Attainment of POs and PSOs

Different assessment tools used to measure the attainment of POs & PSOs with frequency of evaluation

Direct Assessment

POs and PSOs are measured directly from the COs. The attainment of POs and PSOs through curriculum can be quantitatively measured by assigning weights to the COs that are contributing to a particular PO COs are measured from the data collected from assignments/tutorials, internal assessment tests, course end surveys etc.

Indirect Assessment

The program exit survey is a questionnaire answered by every student upon completion of the program. Alumni survey and experiential learning such as Internships, Workshops etc are used to obtain indirect attainment of POs and PSOs.

Cumulative POs & PSOs Attainment

The attainment of POs and PSOs are based on the contribution of direct and indirect assessments as per the weightage 80% of Direct assessment and 20% of Indirect assessment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

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

984

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	https://www.ksrct.ac.in/IQAC/Annual_Day_2023-24.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://drive.google.com/file/d/1oNgE4Cpi1TuRx1lPSoTfiKyHIvh7nsDO/view?usp=sharing

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Institution Research Policy is committed to providing infrastructure to conduct state-of-the-art research on par with

national and international standards. KSRCT creates an open platform to foster academic excellence and to pursue scholarly research activities.

Academic Research

- Research scholars should enroll and register at KSRCT by getting a provisional registration letter. For Full-time scholars, everyday attendance is preferred.
- Research scholars should present their progress once in six months.
- The faculty after the award of Ph.D. shall get the supervisor ship within 3 years and guide a maximum of 8 scholars.
- Research scholars shall publish research works only in reputed/indexed conferences/ Journals and file patents.
- Research scholars shall submit a Thesis copy to the College Library.
- Plagiarism: A Maximum of 10% of similarity is allowed for research reports.

Sponsored Research

- The faculty shall apply for funding support from the Government/Industries, to carry out Sponsored/ Collaborative research based on the call for proposals from the agencies.
- The PIs shall procure equipment and appoint Project fellows as per the grant.
- The PIs shall prepare Project Completion Report and Utilization Certificate (UC) on completion of the project duration according to the guidelines of the funding agency.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://ksrct.ac.in/research.html
Any additional information	No File Uploaded

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

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

9.7

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

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

85

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

3.2 - Resource Mobilization for Research

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

163.49

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

3.2.2 - Number of teachers having research projects during the year

30

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

67

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

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

14

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://ksrct.ac.in/research.html
Any additional information	View File

3.3 - Innovation Ecosystem

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

This business plan addresses a variety of issues associated with creating and operating a Technology business incubator at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal District in Tamil Nadu. It is to be developed based on the findings of a comprehensive market feasibility study for Business Incubation Opportunities in Erode and Namakkal districts to conduct expertise in business incubation. Purpose The proposed mission of the incubator is to stimulate the establishment and growth of technology-based start-up companies and other compatible businesses. By fulfilling this mission, the incubator would contribute to job creation, and provide for enhanced economic health to the region. Description The technology business incubator would provide new and emerging technology (Digital Manufacturing, Rapid Prototyping, Reverse Engineering, Internet of Things and Industrial Automation) and compatible businesses with an environment that would support their start-up phase and increase their likelihood of success. The proposed incubator includes facility space, shared use of common office equipment, direct business assistance and guidance, mentoring, networking to capital, and other technical resources. A network of existing resources in our institution would be developed to support incubator client needs. Approximately 15-25 clients at a time would be served within the incubator. The facility, proposed with 6,600 square feet, would include a mix of office and lab space.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://iic.ksrct.ac.in/

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

131

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://ksrct.ac.in/research.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File]()
Any additional information	**No File Uploaded**

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

285

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

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

267

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

538

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

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

3.4.6.1 - h-index of Scopus during the year

12

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

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

377814

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

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

2500000

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

3.6 - Extension Activities

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

Interested members of faculty and students in social service activity are involved to support societal needs. The students of K S Rangasamy College of Technology along with the academic part of studies it lend their hands to social services. Created awareness towards community issues, gender disparities, Social inequity,

etc, and inculcated values and commitment to society. The processes and strategies inherent in such activities relevantly sensitize students to the social issues and contexts Sustainable practices of the institution leading to superior performance result in successful outcomes in terms of generating knowledge useful for the learners as well as the community. The extension also is the education that emphasizes community service. The students of KSRCT have been serving society through various extension and outreach activities regularly. The activities are conducted in collaboration with communities and non-government organizations through NSS, NCC, UBA, YRC, RRC Swatch Bharath and Women Empowerment Cell. National Service Scheme of KSRCT organized activities like a Blood donation camp, Plastic awareness program, Yoga day Celebration, Vigilance Awareness, Dental camp, Breast cancer awareness, Eye Screening camp, Tree Plantation, Cancer awareness Camp, Road safety rally, Painting and Renovation of school buildings, Orphanage and old age home visit…etc

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

84

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

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

26

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

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

3168

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

3.7 - Collaboration

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

187

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

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

44

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

KSRCT campus is located in a sprawling 28.085 acres (1,13,656 sq m) of lush green campus with a built-up area of 1,22,893.74 sq m with 14 blocks. This sprawling campus exudes a peaceful and relaxed environment which is an ideal place for the teachinglearning process. The ambience of the campus is beautified with greeneries and covers an area of 3.16 acres (12156 sq m) To strengthen an effective teaching-learning environment the campus is equipped with the following facilities. To provide practical exposure to the students, every department is equipped with industry supported/sponsored laboratories. Product development / Project laboratories to facilitate the students with the necessary facilities to do the projects. In order to encourage research activities, every department is equipped with a research lab. Centres of Excellence (Laboratories) were established to enhance competency in specific domains in collaboration with reputed corporates like Virtusa in Software Testing, Customers Relationship Management (CRM) and .Net Technologies, Aspire Systems in Full Stack Development, Augusta Hitech in Blockchain Technology, Autodesk in Fusion 360 and Revit Architecture, and Centre for Women Empowerment with DXC Technology in Cloud Infrastructure. The specific domains include Design and analysis, Manufacturing Process, Virtual Instrumentation, Addictive manufacturing, and reverse.

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

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

Institution is keen not only in developing the technical skills of the students, but also focus on the extra-curricular activities such as Sports/games, cultural activities. In addition to this to ensure the health and fitness of the faculty / students, Gym and yoga centre is available in the campus.

1. To establish the sports facilities, adequate budget is allotted to procure the kits and renovating the facilities.

2. The Institution has a playground with an area of 8 acres. It consists of indoor sports complex with ultra-modern gymnasium as well as facilities for outdoor sports such as basketball court and tennis court along with a cricket ground and football fields. In addition, a swimming pool with an area of 2178 sq ft and open-air gymnasium are also functional.

3. The Institution is provided with an indoor stadium (6400) and facilitated with flood light basketball / Badminton Courts

4. To conduct the curricular and co-curricular events, an auditorium with an area of 10792.28 sq. ft. is made available for students.

To have the inner peace, a yoga centre / meditation hall is available with 1435.23 sq. ft for students and faculty

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

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

118

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

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

737.81

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

College Library is automated with the details below:

Name of the ILMS Software : KSRCTCMS - LMS

Nature of Automation (fully or partially) : Fully Automated

Version : 8.0.86.

Year of Automation : 2009

Version: : 8.0.90.

The KSRCT takes pride in having a Library housed in a two storeyed block. The ground floor houses book stack area, circulation counter, and online public access catalogue facility. The first floor houses the Periodical Section, Reference Section, Book Bank, Reprographic Section and Digital Library. The Library has more than 1,05,256 Books and 293 Journals and Magazines subscriptions which include National and International. In addition to books and journals, 5 e-journal (744 Numbers) and e-book (6119 Numbers) packages are subscribed. Book Bank facility is also available for SC/ST students. All the back issues of journals and magazines are bound and kept for ready reference. All departments have their own library to cater to the instant reference needs of faculty members. The Library has computerized all its housekeeping operations using in-house development library software that is well maintained and updated regularly. Moreover, NPTEL video and web courses are also available. It uses state-of-the-art technology in its function and services. KSRCT Library is a member of NDLI and DELNET for effective resource sharing.

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

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

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

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

50.47

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

344

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

Yes, Institutions has IT policy

- **The Institution has 1665 computer systems with software and the student in the Ratio of 2:1**
- **The Institution has 28 higher end servers for academic activities**
- **Every department has its unique computer laboratories with LAN and internet facility**
- **Institution makes use of open source software and also has licenses for list of software such as Microsoft campus agreement, Oracle 11g, Rational Rose, Qualnet Network Simulator, MatLab, Auto CAD, PRO-E etc.,**
- **The institution is fortified by Gajshield firewall to achieve campus network security**
- **The institution has high capacity Wi-Fi facility through various access points in the Campus with concurrent access speed of 160 mbps for the faculty and students utility**
- **The Institution provides online mode of teaching and learning process through MS Platform**
- **Biometric attendance system is enabled for faculty and staff**
- **The Institution provides and maintains an official email to all the faculty and students in the domain name of ksrct.ac.in / ksrct.net**
- **Laboratory automation (Programming Skill Development System) has been introduced through which students can practice and solve programming problems from anywhere, any time in and outside the KSRCT campus and it is used to assess the coding efficiency**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4013	**1720**

File Description	Documents
Upload any additional information	View File

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

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

992.20

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

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

KSRCT has established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, computer, classroom, sports complex, etc., The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of the estate officer / housekeeping staff on daily basis and periodically. Necessary care has been taken to keep the equipment, machines in the working condition. In case of breakdowns, standard procedure is followed to bring the equipment/machine in working condition. Supervisors and technicians are appointed to monitor and maintain the housekeeping and physical facilities. Description on maintenance and utilization of some facilities is as follows

Laboratories

Laboratories are operated and maintained by well-qualified and skilled technical staff. AMC is in place for certain equipment and ensure the renewal as per the schedule. Interested students can utilize the lab facilities beyond the working hours for practice, project and research activities. To ensure the same log / entry register is maintained to monitor the usage of the equipment in all the laboratories. The repair and servicing of equipment are carried out after obtaining statutory approval of the concerned Head of the Department, the Principal, and the Management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2828

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	*View File*
Upload any additional information	**No File Uploaded**

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

648

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	*View File*

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

File Description	Documents
Link to Institutional website	*https://ksrct.ac.in/admission.html*
Details of capability development and schemes	*View File*
Any additional information	*View File*

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

3914

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

914

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

28

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

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

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

18

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

146

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

The Institution opens its diverse platforms to students of different branches and different years. Their representation in planning, decision making, and administrative committee hone their leadership skills and nurture their potential to the fullest for personal and collective growth and development. The empowerment in

the above three crucial roles sets them on a path to excellence and the academic ambience is conducive to the all-round growth of students. The students' representatives are spread across various cells, clubs and committees and work in close association with the Institution association's core and disciplinary committees. Student involvement in the Department Advisory Committee increases their responsibilities in the developmental measures of the department and that of the Institution. Their participation in Class Committee Meeting, Grievance Redressal Cell with Internal Complaint Cell, Anti?Sexual Harassment, Anti-ragging committees Minority, SC/ST Cell guarantees them viable platforms to address and solve their personal issues amicably.

student participation in Professional Bodies -ISTE, IE(I), IEEE EMBS, PALS, Alumni Association, Communication Skills Club, Training and Placement & Higher Studies empower them to bejob-ready through their intensive career development programmes. The library committee, Readers' Club and NDLI Club help in character building and healthy habit formation in absorbing the core values of life and education. Cultural Committee and Sports Committee cater to their personal values like leadership, comradeship, sportsmanship and celebration of togetherness. Training and Placement Cell empowers them on a regular basis to be job-ready through their intensive career development programmes.

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

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

19

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

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

- Alumni entrepreneur also has their lion's share in uplifting our institution. They come forward to sign MoU, organize seminars, workshops with institutions, provide job offers and equip student with the tech and world stuff.
- It is not only the corporate that fetches us the placement record it's also our alumni who multiplies the placement record.
- Alumni also contribute to the development of institution by taking part as an active member in the board of studies elevating the curricula and syllabi as required in the global platform.
- KSRCT offers "One student, one Alumni" alumni mentoring program. This gives the opportunity for the students to understand better and great exposure.
- As a last note, the main objective of this council is to develop Skilled KSRCTians as the nation arches towards "SKILLED INDIA". Our college join hands with the movement by creating killed KSRCTians.
- Each alumnus contributes Rs.500/- towards membership of Alumni association which is used for providing financial support to the students.
- Alumni also contribute Alumni help fund for financially weaker students
- The alumni also contribute to Institute towards development apart from Membership Fee. The Alumni has contributed Rs.15,34,938/- to the Institution in the years

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

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Management is assisted by Governing Council of the Institution, which takes over the planning and execution of various domains. The action plans are formulated in line with quality policy under the leadership of the Principal and the same are incorporated into strategic plans for effective implementation. The policy statements and action plans are tuned up for attaining the Mission of the Institution. Meetings with stake holders like parents, alumni and employers are conducted periodically to receive their feedback for implementing some of the action plans in line with progress of the Institution. All aspects of the teaching, learning and evaluation process are assessed through regular course co-ordinators, module co?ordinators, programme co-ordinators, board of studies and academic council meeting.

Faculty are also deputed as class advisors, time table coordinators, BoS co-ordinators, exam co-ordinators, T&P coordinators, R&D co-ordinators, academic auditor, Institute Innovations Council Member, ICT Academy co-ordinators, budget coordinators, lab in-charges and co-ordinators of various cells/ clubs/ professional bodies

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

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

The Institution is keen in promoting a culture of decentralized governance system for its growth. The Head of the Institution is empowered with full autonomy for overall monitoring of administrative and academic activities to cater to the Institution's Vision and Mission. The roles and responsibilitiesof decentralized administrator's /decision makers are listedbelow:

- Administrative Autonomy
- Financial Autonomy
- Academic Autonomy

- **Examination Autonomy**
- **Student Autonomy**

Participative management

KSRCT follows a decentralized approach in financial management. At the department level, budget co?ordinator analyse the requirements for teaching, learning, research and outreach activities and prepare the budget. Budgets are then consolidated and forwarded to the Financial Committee with the approval of the HoD concerned.In case of purchase of equipment's/ consumable, concerned faculty must submit a detailed proposal to the Purchase committee through respective heads. Purchase committee analyses the proposal andmake recommendations based on merit of the case. Once approved by the committee, purchase can be initiated as per the financial power of the authorityThe Institution promotes the culture of participative management at all levels, which facilitate the faculty and students to give their view and suggestions to improve the quality of planning andimplementation in all possible means.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

6.2 - Strategy Development and Deployment

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

Smart / Digital Campus with effective e-Governance

In line with the Institutes' strategic plan, KSRCT successfully implemented effective e-governance system with internal software and web development team to enable smooth transition from manualprocess to digital campus.

KSRCT CMS is an indigenously developed web portal to govern and maintain the day-to-day academic activities of the Institution. Meanwhile, Programming Skill Development System (DIGIPRO) is an in house web Integrated Development Environment (IDE) to facilitate programming skillset of students.

SectionFeatures :KSRCT CMS - http://www.ctcms.ksrct.net/

Student

Student Profile, Attendance, Assignment/ Tutorial and Test Marks, Lab Marks, Internal Marks, Semester Result, Feedback, Bonafide Certificate

Faculty

Faculty Profile, Biometric Attendance, Salary Receipt, Exam Duty, Assignment/ Tutorial and Test Mark Entry, Students Attendance Marking – OD, Leave, Permission

Academic

e-Circular, Academic Schedule, Internal Marks Generation, Subject Allocation, Attendance Proforma, SMS to Parents, Result Analysis

Library

OPAC, Book Reservation, e-Gate, Online Research repository, e-Contents, Question Bank

Exam

Seating Arrangement, Result publication

CAMPUSRANN - https://ctplacement.ksrctdigipro.in/

Placement

Students & Company Database, SMS/e-mail Triggering

DIGIPRO - https://ksrctdigipro.in/

Programming

C, C++, Java, Python, PHP, Perl, SQL, HTML, JavaScript, JQuery

Evaluation

Test cases passed, Logic used, Time taken, Compilation count andspace used

Exam

Quiz, Online Proctoring – Live / Automated

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

- **Internal Quality Assurance Cell (IQAC): provides benchmarks, proposes roadmaps, and monitors the institutional development activities**
- **Governing Council: The functions of Governing Council are to approve the academic, financial, and administrative policies of the institution, to appoint faculty members and staff, and to review the annual report & the audited accounts and budget estimates.**
- **Academic Council: Reviews regulations, curriculum, and academic processes.**
- **Research Council: Reviews research project proposals**
- **Student Council: Meetings are conducted regularly with the representatives of students to improve the functioning of the institution.**
- **Board of Studies: Reviews the curriculum and syllabus of courses.**
- **Standing Committee: Monitors and recommends academic administrative and financial matters.**
- **Department Advisory Committee: Reviews and provides direction for continuous improvement of department activities**
- **Finance Committee: Reviews budget for the departments and college.**
- **Building committee: Scrutinizes and approves the design estimates, cost of building and other capital works, minor works, repair, and maintenance**
- **IPR Committee: Reviews patentable ideas for filing them as patents**
- **Appeals and Grievances Committee: Any grievances related to Academic matters are addressed by the concerned Tutor, HoD, and Principal. When students are not satisfied with the outcome, they represent the Appeals & Grievances Committee.**

- **Women Development Cell: Women empowerment activities**

File Description	Documents
Paste link to Organogram on the institution webpage	http://ctcms.ksrct.net/NAAC/Criteria-VI/6.2/6.2.2/Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

The workforce is supported by the administration in respect of admission to the programmes for their children, additional medical benefits on a case-to-case basis.Prescribed EPF is provided to teaching and non-teaching staffmembers.Faculty and staff have sports contest annually.Teaching Staff Welfare Measures and Avenues for their career development/ Progression Prescribed EPF is provided to teaching and non-teaching staff members.

Teaching Staff Welfare Measures and Avenues for their career development/ Progression

- **Sabbatical leave for post-doctoral studies and internship at industries.**
- **Increments in Basic Pay, on completion of Doctoral degree**

programme.
- Faculty are recognized with the remuneration for coordinating FDPs
- Faculty are given the financial assistance for attending workshops/seminars/conferences
- Promotion/career advancement for faculty members is offered as per norms.
- Maternity leave is sanctioned to women faculty members.
- Medical/Accidental claims are facilitated to workforce. Incentives are given for Research Publications
- Faculty members are facilitated for filing the Patents.
- Coordinator honorarium are given to faculty who plans and organizes FDPs

Non-Teaching Staff Welfare Measures and Avenues for their career development/ Progression

- All the employees are covered with Health insurance.
- Awareness workshops on safety and health consciousness.
- Compensation for working on holidays and beyond working hours.
- Festival Advance for Staff members.

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

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

273

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

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

14

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

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

325

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. KSRCT follows all statutory requirements for audits and accounting practices. Internal audit is conducted half yearly by the internal financial ommittee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through Head of the Institution. External audit is conducted once in every year by an external agency.

Process of the internal audit

All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same should be brought to the notice of

the Head of the Institution.

Process of the external audit

The accounts of the college are audited by chartered accountant regularly as per the government rules. Institution has appointed statutory external auditor M/s.T.V.Venkatraman and Associates (M.No. 8925) to audit the accounts. External auditors audit the accounts once in a year. Any discrepancies during the audit will be discussed and sorted out with the supporting documents.

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

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

2.869

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

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

Institute has well defined financial structure to ensure effective and optimal utilization of resources for academic, administrative, development and maintenance purposes.

Finance committee

The master key for taking financial decision and related matter are Finance Committee and the Governing Council. Financial committee nominated by the Principal has sole responsibility for

planning, implementing, and managing all the financial resources. It reviews the funding pattern, provides guidelines and strategies

for mobilizing resources to support the implementation of the

Institutions strategic plan, and the fulfilment of its vision and
mission.

Fund mobilization

Broadly, major internal resource mobilization is in the form of
Academic Receipts (Admission fee, tuition fee, examination fee,
etc.,). Meanwhile, the external sources of finance are research
grants, scholarships, consultancy, revenue collection in the form
of deposits (loans from banks) etc., In some cases, funds are
raised from academic people, philanthropist, alumni and public
through fundraising mechanism to meet expenses related to
seminars, workshops, conferences, marathon and social cause.

Fundraising

It is obvious that each activity/ every person involved in
fundraising activity on behalf of the Institution should obtain
written permission from the Head of the Institution. In all cases,
funds must be collected through Cash/ Cheque/ Demand Draft in
favour of The Principal, K.S.Rangasamy College of Technology,
Tiruchengode or by online transfer to the official account of the
Principal.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

Digital Assisted Language Learning System (DALLS) The Institution
caters to the educational needs of the students hailing from rural
areas. It is a known fact that the rural students face difficulty
in the interpersonal communication and lacks in expressing their
thoughts and opinions at times of interviews both technical and
HR. Based on the feedback from stakeholders and Alumni for the

betterment of students in improving their Communication Skills, Digital Assisted Language Learning System (DALLS) was introduced. DALLS is a system of self-paced learning in a controlled laboratory activity and the capsule activities namely LSRW tasks are rolled out to the students in the form of online quizzes and activity-based learning. DALLS works on the Microsoft Teams Meeting & MOODLE Platform. DALLS incorporates the Activity-Based Learning (ABL) into the learning system.

Innovation and Start-Ups KSRCT ensures maximum exposure to students in innovation and pre-incubation activities at an early stage and to support the pathway from ideation to creation to market. Institution organizes idea and innovation competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions and mentoring mechanisms with academic and industry personnel, giving real-life challenges, awards and recognition.

IQAC extends support and initiates valuable academic activities to the Institution and paves way for such good practices.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

Examination System

The students' learning is measured in conformity with Blooms Taxonomy i.e. higher order thinking skills and lower order thinking skills. The examination system is modified to access the different level skills of the students' learning. The questions are mapped to test the skills at different levels and the course outcomes are mapped with every question. This process is in existence for both internal as well as external exams. This type of strategic examination system helps to evaluate the students' performance on continuous basis and helps to develop their analytical thinking abilities.

Question paper Audit :

In order to maintain uniform assessment of internal and end

semester examinations, question papers are audited periodically. Question papers of internal tests are audited at the respective department level by module coordinators. End Semester examination question papers are audited by experts who are invited from other institutions. Corrective actions are taken based on the audit.

Answer script Audit :

Students are provided with an opportunity to view their answer scripts (of each course) after completion of evaluation and announcement of results. This is aimed to bring more transparencyand also reduces the number of re-totaling/re-valuation cases and End Semester examination answer scripts are audited by experts who are invited from other institutions. Corrective actions are takenbased on the audit.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.ksrct.ac.in/IQAC/Annual_Day 2023-24.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

K.S.Rangasamy College of Technology focusses on gender equality and has a functional framework to promote the level of educational and technical skills among the women students from rural background. Various cells have been formed to adjudicate and to rise women empowerment in the institution. Cells comprises of Grievances cell, Women Empowerment Cell, and Anti-Sexual Harassment Cell to look after the issues raised by the women.Constitution of India is made as mandatory course for all the students. The prime importance was given with respect to curricular & co-curricular activities, the girl students are given equal chance to showcase their potential in all areas like sports, cultural and on the academic part too. The Institution has appointed women physical director to take care of the training / coaching and to accompany with them for the events. Women Empowerment cell often conducts various events and programs tobring out the hidden talents, Counselling assistance andmental health support.The Institution ensures female admissions to various programmes, scholarships and as lead role among student community cells and forums with equal ratio of office bearers to promote equality andprovides equal opportunities for women faculty to take up leader positions.

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

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

A. Any 4 or All of the above

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

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

K.S.Rangasamy College of Technology has implemented eco-friendly integrated waste management concept and practicing the reduced, reused and recycling principles regularly to make the Campus agreen one. Important practices implemented in the Institution for sustainable waste management are Solid Waste Management, Liquid Waste Management, E-waste Management, Bio Medical WasteManagement, Waste Recycling System and Hazardous Chemicals Management.

Organic waste such as tree leaves, flowers and papers are used asfeed for mushroom cultivation plant in the Institution. Food waste is used in production of biogas. Food wastes, human excreta andcow dungs are used as feed for digester.Over utilization of ground water and surface water are much reduced in our institution by following the three R principle. Liquid waste collected are conveyed to the waste water treatment plant and treated. This treated water is tested in Environmental Engineering Laboratory to determine its quality and it is reused for gardening and toilet flushing.Institution takes utmost care in collection, storage and safe disposal of E waste. Paper consumption is considerably reduced in the institution by adopting digital mode in all walks of works. In order to be an eco-friendly campus, usage of plastic bags is strictly banned inside the campus.

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

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.   A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The Institution promotes value concerns to be rooted in contemporary contexts like various social issues and concerns like environmental sustainability where the interest in tree plantation drives, National unity, propagating the saving of river, Clean India campaign and plastic awareness are aroused.Students have participated in preparing cotton bags as alternative to plastic

bags and are distributed to public as a complement. The Institution has taken up a project to clean the regional places like temple, public areas in villages to show the responsibility in building a clean and sustainable environment.

Students with social concern join hands with NSS/NCC volunteering team and participate in rallies for health awareness, stress management, health and hygiene awareness to village and do participate in various activities for the noble cause like marathon for cancer awareness, road safety awareness, etc.The positive relationships is cultivated among studentsfor thedevelopment of cooperation and respect for a diversity of people and cultures that allow us to live and work in the realities of the world. The volunteering team of NSS and staff coordinators have contributed food, essential amenities like hand-wash, sanitizer, gadgets, human support, materialistic support and COVID-19 data filling support by the SM Volunteers.

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

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

Constitution of India is a mandatory course for all first year students. The Institution offers 15 days' Student Induction programme to every first year students before the commencement of their regular classes in the first semester. They are mentored and inculcated with Universal Human Values. Professional Ethics course is also a part of curriculum to educate the students to resolve the moral issues in the profession. The Institution promotes consciousness among students about rights which are essential for protecting the citizens against the arbitrary exercise of power by the government. Rally on constitutional responsibilities is also organized frequently to make them aware and disseminate to others about the importance of voters' rights.

The Institution motivates the students to participate in election duties as their prime responsibility to help the government to increase the polling percentage of responsible voters. Students take oath on National Unity Day on October 31 and National Voters' Day on January 25, and their participation in pledge is also

regular in Grama Shaba Meetings. KSRCTians are also aided in bringing the same constitutional values among the village people by making them to take part in panchayat meeting and ensuring the voters responsibilities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized   **A. All of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	**No File Uploaded**

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

K. S. Rangasamy College of Technology rejoices with certain memorial days with the due respect. The Institution regularly celebrates Teachers' Day and National Youth Day by sharing greetings to members of faculty and students, and by flowering the portraits of Sarvapalli Dr. Radhakrishnan and SwamiVivekananda.Independence Day and Republic Day are national

commemorative days observed by formal parade andflag hoisting. Special competitions like essay writing, poster and drawing competitions are organized for the students.

Dr. APJ Abdul Kalam's Birthday Dayand Engineers' Day are celebrated by paying tributes and flowering the portraits of Dr. APJ Abdul Kalam and Dr.Visvesaraya respectively by organizing essay and quiz competitions every year. Virtual Independence Day Runwas organised in 2020 and 2021 to propagate physical fitness among the stakeholders in the face of pandemic.

National Education Day is celebrated to honour the birth anniversary of Shri. Maulana Abul Kalam Azad by the NSS volunteers with a guest lecture presented by a renowned personality. Martyrs' Day is observed in remembrance of the assassination of Mohandas Karamchand Gandhi by observing silence for 2 minutes in the classrooms. International Women's Day is observed in a grand manner with many special events, and gifts.

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

7.2 - Best Practices

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

Institution's Innovation Council (IIC)

Objective :

1. To create a vibrant local innovation ecosystem.

2. To have a start-up supporting mechanism in the Institution.

The Context

IICs' is to engage faculty, students and staff in various innovation and entrepreneurship related activities such as

ideation,Problem solving, Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized.

Evidence of Success

IIC has bagged "3 Star" Rating in IIC 1.0 and "5 Star" Rating in IIC 2.0. KSRCT-IIC is the recipient of AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) - Grantworth - Rs.1,00,000/-.The Institution is indebted to KSRCT-IIC for its achievement for being categorized among Band-Excellent group in Atal Ranking of Institutions on Innovation Achievements (ARIIA) Ranking 2021 under among Self-financing/ Private institutions (Technical).

Problems Encountered and Resources Required

The COVID 19 pandemic and accompanied lockdown were negating the fruitful collaboration of students for a vibrant local Innovation system but the IIC members have overcome the obstacle of theconfluence of young minds by both physical and virtual transaction of ideas among them.

File Description	Documents
Best practices in the Institutional website	https://ksrct.ac.in/best-practices-teachinglearning/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Institutional Distinctiveness

Programming Skill Development System (PSDS)

Programming Skill Development System (PSDS), also known as Digipro, is an indigenous web Integrated Development Environment (IDE) that facilitates more efficient and effective programming skills and improvises the logical thinking ability of students.

Objectives of PSDS

1. To inculcate the logical thinking and improve the programming skills.

2. To facilitate students to execute the codes in any programming languages such as C, C++, Java, Python, PHP, SQL, HTML, JavaScript, JQuery after the logical thinking process.

3. To equip students to be self-reliant in programming and code testing process..

Other Utilities of Digipro

1. A powerful platform to conduct online examinations both MCQs and descriptive questions

2. During pandemic period, Digipro was effective in extending proctored online Examinations, and thereby efficiently support the progress of academic activities and examinations online

3. The platform was diligently developed to conduct internal hackathons and codeathon contests and help in identifying efficient top coders in the departments.

4. The platform was used as the Assessment Tool Support for the first level recruitment process by the companies such as M/s Coding Mart Technologies, Bengaluru and M/s Granite River Labs Technology (GRL) Pvt. Ltd. Bengaluru

The web link of Digipro is : https://www.ksrctdigipro.in/

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Curriculum Design Process at KSRCT: Effective curricula and syllabi is designed in Board of Studies (BoS) meeting conducted in every semester based on the guidelines of UGC, AICTE, affiliated university and feedback from various stakeholders. Standing committee on academic council deliberates on the curricula and syllabi suggested by members to present at academic council meeting. The academic council, on deliberation, recommends modifications and suggestions for the implementation.The curricula of all the programmes is framed and updated regularly by focusing on employability as the students are from rural background and first graduates.

The Choice Based Credit System supplements the industry requirement and to develop specific skill sets. One credit courses and open electives are offered with industry experts are introduced from the academic year 2014. Also, the students are allowed to take online courses and self-study courses through NMEICT, SWAYAM NPTEL, ICT Academy Learnathon and Udemy. To enhance the employability, aptitude, soft and life skills are offered through courses such as Career Competency Development, Universal Human Values . Entrepreneurship skills are imparted to students through mandatory courses, Innovation and Start-ups, IDEA Lab.Programming for Skill Development System/DigiPro tool is used to enhance the programming skill among the students for career enrichment.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	Nil

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

25

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

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

520

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

520

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

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

25

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	[View File](#)

1.3 - Curriculum Enrichment

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

The curricula of the Institution gives high importance not only for the technical aspects, also for life skills and sustainability which addresses the environment related and energy related issues.

The curricula pertaining to life skills which addresses professional ethics, gender, Universal Human Values are offered are known as cross cutting issues. UHV course has been introduced in the curriculum to develop a holistic perception for self-exploration among themselves and also with family members. Necessary training has been given and arranged to the faculty who handles these courses.

The various student clubs like Institution Innovation Cell, Entrepreneurship Development Cell, Swachh Bharat, Unnat Bharat Abhiyan, Institutional Social Responsibility Clubs, Service Motto volunteering team, Eco Club, Swacchatha Action Plan etc., are actively functioning to enrich the human values and ethics and significance of environmental protection.

The curricula of R2018 and R2022 includes courses related to environment such as Waste Water Management, Environmental Science, Environmental Hazards and Management, Pollution and its Management, etc imparts environmental education among the students.

One student one tree concept has been implemented at our campus effectively to make the students understand about the environment sustainability. The institution is awarded with "One District One Green Champion" by MGNRCE.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	**No File Uploaded**

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

37

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	**No File Uploaded**

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

3035

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

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

2532

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.ksrct.net/Employer_Feedback/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.ksrct.net/Employer_Feedback/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1133

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

577

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

2.2 - Catering to Student Diversity

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

Identifying the capacity of students as an advanced/slow learner will help to improve their performance both in academics as well as in their personal life. Identification of students securing less than 50% are identified as slow learners and this practice is being done after each and every Continuous Assessment Test.

Advanced learners are identified by the class handling faculty based on their academic performance and co-curricular activities.Mentoring is provided to both the advanced and slow learners to enhance their skills.

Activities for advanced learners:

- **Facilitated to apply for fellowships and internships and for higher studies Encouraged to do "online courses" in NPTEL, Udemy, Coursera, and other online certifications.**
- **Final semester courses are provided in the fast-track mode facilitating them to go for internships and projects in industry**
- **Special training is being given to advanced / fast learners for placement**

Activities for Slow learners

- **Coaching classes by the course handling faculty for regular courses. The improvement showed by them is recorded and accordingly follow up actions are taken.**
- **The soft and communication skills are given special emphasis for the students from rural background to improve these skills and thereby bring them at par with regular learners.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	**4033**	**290**

File Description	Documents
Upload any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

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

Experiential Learning

Students are taken to Industrial visits and they are encouraged to go for In-plant trainings. Industrial visits are arranged for courses, the students are currently studying or for the courses they have completed. Activity based learning / project-based learning ensures the better outcome. A group of elective / open elective courses are included with practical component so that every student gets an experience of practical learning in the domain of his choice once during the program. 8 weeks Internship is mandatory for every student. Virtual laboratories are used for doing experiments wherever applicable.

Participative learning:

Faculty conduct role play / group discussion/case studies/ Flipped classes in the class rooms apart from conventional teaching methodologies. Flipped class also improves the lifelong learning skills of the students.

Problem Solving Methodologies

This helps students to solve the real-world problems as well as apply the concepts learned in theory. Tutorials are conducted

for analytical courses during regular classes. One faculty is allotted for a group of 20 students during the tutorial classes. PSDS, Neopat/examly portal are used for developing the programming skill. Inter departmental codethans are being conducted to improve the problem solving /logic building of the students every year.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	Nil

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

At KSRCT, the importance of digital literacy is understood. All faculty are advised to use ICT tools as and when required and required facilities are provided. All Class rooms are equipped with multimedia projectors and computer connectivity. Further smart class rooms for online learning are also made available. With the system of online learning, all resources are made available online in MS Teams platform. Quizzes are being conducted through this platform regularly and continuous assessment tests and end semester exams are also conducted using this platform.

Programming courses are taught through PSDS. This is a web IDE that gives more efficient and effective programming skills and improvising the logical thinking ability for students and faculty as well. Unique features of this IDE is that it automatically checks the logic using test cases options.

MOOC/NPTEL courses are taken by students with faculty mentors available for guidance. Course videos from NPTEL and other online resources are made available to students by faculty. Blended learning using MOOC, flipped classes are also being conducted through you tube activities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.ksrctdigipro.in/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

325

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

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

IQAC and Principal prepare the academic calendar and circulate before the commencement of classes in the beginning every year. This contains the annual working days, schedule of all curricular activities including continuous assessments and end semester examinations. The academic calendar is sent as a circular and is made available to the faculty and students. This helps the students to plan and prepare themselves for internships during semester holidays.

The log book also has the following details helping for effective delivery of the course content to attain the Program outcomes.

- Vision and mission of the Institute and Department

- PEOs, PSOs, Pos , COs and their mapping

- Content beyond the syllabus

- Guest lectures arranged for various topics

- Experiential learning methodology used

- Theory/Tutorial/Laboratory classes handled

- Support classes for slow learners

- Performance analysis of Students

- Remedial measures taken

- Class/personal time table

The academic plan is structured in accordance with the needs of Outcome Based Education.

The contents of the plan include:

- Course pre-requisites Course objectives and outcomes
- Mapping of course outcomes with program outcomes Learning resources Delivery methodologies
- Assessment methods
- Detailed unit wise lecture plan
- Assignment and tutorial questions
- Model question paper
- Link to the video lectures

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

2.4 - Teacher Profile and Quality

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

325

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	**No File Uploaded**

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

126

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

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

13.02

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

12

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

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
Upload any additional information	**No File Uploaded**

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

Examination procedures

All the candidates registering for the examination must follow the Rules and Regulation. Students have to Register for semester examinations as per Academic Schedule. Hall tickets are issued prior to commencement of Examinations.

Question papers are prepared as per Revised Bloom's Taxonomy and Course Outcomes. Question paper setters and Examiners related to various activities are recommended by the concern Board of Studies. Question paper Scrutiny is carried out and any error found is rectified by concerned Module coordinator or subject expert assigned by concern Chairman Board of Studies. Examination Audit is conducted to improve the Examination system.

Processes/Procedures integrating IT

Students are assessed by Continuous internal assessment and Semester End Examinations. Continuous internal assessment is predominantly IT integrated. Question banks are also available

in electronic format. Students can track their performance in CTCMS.

Continuous Internal Assessment System

Internal Evaluation generally consists of two tests each carrying ten marks, Three assignment / Tutorial for five marks and two Quizzes for ten marks. Another important step taken towards Skill improvement is Internship. It is made compulsory for all the students and it is mandatory to qualify for the Degree. Provision for Retest and Improvement tests are there for needy students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

Each department has vision and mission statements and they are framed in consistent with the vision and mission of the institute. Program Educational Objectives are framed in consistent with the mission of the department. Program Specific Outcomes are framed to help attain the PEOs and hence the Mission of the department. Every course in the curriculum has 5 course outcomes which are specific and measurable and they help to attain the program outcomes and hence the Outcome Based Education is being practiced.

To help students understand the process of Outcome based education, faculty advisors discuss about Program Specific Outcomes and the Program outcomes in the beginning of every semester in the class. They are further displayed/printed in college website.

Course outcomes for every course offered is included in the syllabus book and also displayed in the website. The faculty handling the course discusses the COs in the class in the beginning of the semester and correlated it when completing the respective portion of the syllabus. All assessment Question papers including tests, assignments/tutorials and quizzes have

the questions with the corresponding CO being addressed.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Different assessment methods adopted for COs attainment

Two different assessment methods are adopted to measure the attainment of COs in each course.

1. Direct assessment methods (80%)

2. Indirect assessment methods (20%)

Cumulative COs attainment

COs attainment = [80% Direct assessment + 20 % Indirect assessment]

Attainment of POs and PSOs

Different assessment tools used to measure the attainment of POs & PSOs with frequency of evaluation

Direct Assessment

POs and PSOs are measured directly from the COs. The attainment of POs and PSOs through curriculum can be quantitatively measured by assigning weights to the COs that are contributing to a particular PO COs are measured from the data collected from assignments/tutorials, internal assessment tests, course end surveys etc.

Indirect Assessment

The program exit survey is a questionnaire answered by every student upon completion of the program. Alumni survey and

experiential learning such as Internships, Workshops etc are used to obtain indirect attainment of POs and PSOs.

Cumulative POs & PSOs Attainment

The attainment of POs and PSOs are based on the contribution of direct and indirect assessments as per the weightage 80% of Direct assessment and 20% of Indirect assessment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

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

984

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	No File Uploaded
Paste link for the annual report	https://www.ksrct.ac.in/IQAC/Annual Day 2023-24.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://drive.google.com/file/d/1oNgE4Cpi1TuRx1lPSoTfiKyHIvh7nsDO/view?usp=sharing

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined

policy for promotion of research which is uploaded on the institutional website and implemented

Institution Research Policy is committed to providing infrastructure to conduct state-of-the-art research on par with national and international standards. KSRCT creates an open platform to foster academic excellence and to pursue scholarly research activities.

Academic Research

- Research scholars should enroll and register at KSRCT by getting a provisional registration letter. For Full-time scholars, everyday attendance is preferred.
- Research scholars should present their progress once in six months.
- The faculty after the award of Ph.D. shall get the supervisor ship within 3 years and guide a maximum of 8 scholars.
- Research scholars shall publish research works only in reputed/indexed conferences/ Journals and file patents.
- Research scholars shall submit a Thesis copy to the College Library.
- Plagiarism: A Maximum of 10% of similarity is allowed for research reports.

Sponsored Research

- The faculty shall apply for funding support from the Government/Industries, to carry out Sponsored/ Collaborative research based on the call for proposals from the agencies.
- The PIs shall procure equipment and appoint Project fellows as per the grant.
- The PIs shall prepare Project Completion Report and Utilization Certificate (UC) on completion of the project duration according to the guidelines of the funding agency.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://ksrct.ac.in/research.html
Any additional information	**No File Uploaded**

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

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

9.7

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

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

85

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

3.2 - Resource Mobilization for Research

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

163.49

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

3.2.2 - Number of teachers having research projects during the year

30

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

67

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

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

14

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://ksrct.ac.in/research.html
Any additional information	View File

3.3 - Innovation Ecosystem

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

This business plan addresses a variety of issues associated with creating and operating a Technology business incubator at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal District in Tamil Nadu. It is to be developed based on the findings of a comprehensive market feasibility study for Business Incubation Opportunities in Erode and Namakkal districts to conduct expertise in business incubation. Purpose The proposed mission of the incubator is to stimulate the establishment and growth of technology-based start-up companies and other compatible businesses. By fulfilling this mission, the incubator would contribute to job creation, and provide for enhanced economic health to the region. Description The technology business incubator would provide new and emerging technology (Digital Manufacturing, Rapid Prototyping, Reverse Engineering, Internet of Things and Industrial Automation) and compatible businesses with an environment that would support their start-up phase and increase their likelihood of success. The proposed incubator includes facility space, shared use of common office equipment, direct business assistance and

guidance, mentoring, networking to capital, and other technical resources. A network of existing resources in our institution would be developed to support incubator client needs. Approximately 15-25 clients at a time would be served within the incubator. The facility, proposed with 6,600 square feet, would include a mix of office and lab space.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://iic.ksrct.ac.in/

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

131

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

3.4 - Research Publications and Awards

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

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

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

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://ksrct.ac.in/research.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

285

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

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

267

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

538

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

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

3.4.6.1 - h-index of Scopus during the year

12

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

377814

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

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

2500000

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

3.6 - Extension Activities

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

Interested members of faculty and students in social service activity are involved to support societal needs. The students of K S Rangasamy College of Technology along with the academic part of studies it lend their hands to social services. Created awareness towards community issues, gender disparities, Social inequity, etc, and inculcated values and commitment to society. The processes and strategies inherent in such activities relevantly sensitize students to the social issues and contexts Sustainable practices of the institution leading to superior performance result in successful outcomes in terms of generating knowledge useful for the learners as well as the community. The extension also is the education that emphasizes community service. The students of KSRCT have been serving society through various extension and outreach activities regularly. The activities are conducted in collaboration with communities and non-government organizations through NSS, NCC, UBA, YRC, RRC Swatch Bharath and Women Empowerment Cell. National Service Scheme of KSRCT organized activities like a Blood donation camp, Plastic awareness program, Yoga day Celebration, Vigilance Awareness, Dental camp, Breast cancer awareness, Eye Screening camp, Tree Plantation, Cancer awareness Camp, Road safety rally, Painting and Renovation of school buildings, Orphanage and old age home visit…etc

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

84

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	**No File Uploaded**

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

26

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	**No File Uploaded**

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

3168

File Description	Documents
Reports of the events	[View File](#)
Any additional information	**No File Uploaded**

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/

student exchange/ internship/ on-the-job training/ project work

187

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

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

44

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

KSRCT campus is located in a sprawling 28.085 acres (1,13,656 sq m) of lush green campus with a built-up area of 1,22,893.74 sq m with 14 blocks. This sprawling campus exudes a peaceful and relaxed environment which is an ideal place for the teachinglearning process. The ambience of the campus is beautified with greeneries and covers an area of 3.16 acres (12156 sq m) To strengthen an effective teaching-learning environment the campus is equipped with the following facilities. To provide practical exposure to the students, every department is equipped with industry supported/sponsored laboratories. Product development / Project laboratories to facilitate the students with the necessary facilities to do the projects. In order to encourage research activities, every department is equipped with a research lab. Centres of

Excellence (Laboratories) were established to enhance competency in specific domains in collaboration with reputed corporates like Virtusa in Software Testing, Customers Relationship Management (CRM) and .Net Technologies, Aspire Systems in Full Stack Development, Augusta Hitech in Blockchain Technology, Autodesk in Fusion 360 and Revit Architecture, and Centre for Women Empowerment with DXC Technology in Cloud Infrastructure. The specific domains include Design and analysis, Manufacturing Process, Virtual Instrumentation, Addictive manufacturing, and reverse.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

Institution is keen not only in developing the technical skills of the students, but also focus on the extra-curricular activities such as Sports/games, cultural activities. In addition to this to ensure the health and fitness of the faculty / students, Gym and yoga centre is available in the campus.

1. To establish the sports facilities, adequate budget is allotted to procure the kits and renovating the facilities.

2. The Institution has a playground with an area of 8 acres. It consists of indoor sports complex with ultra-modern gymnasium as well as facilities for outdoor sports such as basketball court and tennis court along with a cricket ground and football fields. In addition, a swimming pool with an area of 2178 sq ft and open-air gymnasium are also functional.

3. The Institution is provided with an indoor stadium (6400) and facilitated with flood light basketball / Badminton Courts

4. To conduct the curricular and co-curricular events, an auditorium with an area of 10792.28 sq. ft. is made available for students.

To have the inner peace, a yoga centre / meditation hall is

```
available with 1435.23 sq. ft for students and faculty
```

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

```
118
```

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

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

```
737.81
```

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

```
College Library is automated with the details below:

Name of the ILMS Software : KSRCTCMS - LMS

Nature of Automation (fully or partially) : Fully Automated
```

Version : 8.0.86.

Year of Automation : 2009

Version: : 8.0.90.

The KSRCT takes pride in having a Library housed in a two storeyed block. The ground floor houses book stack area, circulation counter, and online public access catalogue facility. The first floor houses the Periodical Section, Reference Section, Book Bank, Reprographic Section and Digital Library. The Library has more than 1,05,256 Books and 293 Journals and Magazines subscriptions which include National and International. In addition to books and journals, 5 e-journal (744 Numbers) and e-book (6119 Numbers) packages are subscribed. Book Bank facility is also available for SC/ST students. All the back issues of journals and magazines are bound and kept for ready reference. All departments have their own library to cater to the instant reference needs of faculty members. The Library has computerized all its housekeeping operations using in-house development library software that is well maintained and updated regularly. Moreover, NPTEL video and web courses are also available. It uses state-of-the-art technology in its function and services. KSRCT Library is a member of NDLI and DELNET for effective resource sharing.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	**No File Uploaded**

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

50.47

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

344

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

Yes, Institutions has IT policy

- The Institution has 1665 computer systems with software and the student in the Ratio of 2:1
- The Institution has 28 higher end servers for academic activities
- Every department has its unique computer laboratories with LAN and internet facility
- Institution makes use of open source software and also has licenses for list of software such as Microsoft campus agreement, Oracle 11g, Rational Rose, Qualnet Network Simulator, MatLab, Auto CAD, PRO-E etc.,
- The institution is fortified by Gajshield firewall to achieve campus network security
- The institution has high capacity Wi-Fi facility through

- **various access points in the Campus with concurrent access speed of 160 mbps for the faculty and students utility**
- **The Institution provides online mode of teaching and learning process through MS Platform**
- **Biometric attendance system is enabled for faculty and staff**
- **The Institution provides and maintains an official email to all the faculty and students in the domain name of ksrct.ac.in / ksrct.net**
- **Laboratory automation (Programming Skill Development System) has been introduced through which students can practice and solve programming problems from anywhere, any time in and outside the KSRCT campus and it is used to assess the coding efficiency**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4013	**1720**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: **Facilities**	**A. All four of the above**

available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

992.20

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

KSRCT has established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, computer, classroom, sports complex, etc., The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of the estate officer / housekeeping staff on daily basis and periodically. Necessary care has been taken to keep the equipment, machines in the working condition. In case of breakdowns, standard procedure is followed to bring the equipment/machine in working condition. Supervisors and technicians are appointed to monitor and maintain the housekeeping and physical facilities. Description on maintenance and utilization of some facilities is as follows

Laboratories

Laboratories are operated and maintained by well-qualified and skilled technical staff. AMC is in place for certain equipment and ensure the renewal as per the schedule. Interested students can utilize the lab facilities beyond the working hours for practice, project and research activities. To ensure the same log / entry register is maintained to monitor the usage of the equipment in all the laboratories. The repair and servicing of equipment are carried out after obtaining statutory approval of the concerned Head of the Department, the Principal, and the Management.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2828

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

648

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development	A. All of the above

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

File Description	Documents
Link to Institutional website	https://ksrct.ac.in/admission.html
Details of capability development and schemes	View File
Any additional information	View File

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

3914

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

914

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

28

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

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

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

18

File Description	Documents
Upload supporting data for students/alumni	[View File]
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

146

File Description	Documents
e-copies of award letters and certificates	[View File]
Any additional information	**No File Uploaded**

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

The Institution opens its diverse platforms to students of different branches and different years. Their representation in planning, decision making, and administrative committee hone their leadership skills and nurture their potential to the fullest for personal and collective growth and development. The empowerment in the above three crucial roles sets them on a path to excellence and the academic ambience is conducive to the all-round growth of students. The students' representatives are spread across various cells, clubs and committees and work in close association with the Institution association's core and disciplinary committees. Student involvement in the Department Advisory Committee increases their responsibilities in the developmental measures of the department and that of the Institution. Their participation in Class Committee Meeting, Grievance Redressal Cell with Internal Complaint Cell, Anti?Sexual Harassment, Anti-ragging committees Minority, SC/ST Cell guarantees them viable platforms to address and solve their personal issues amicably.

student participation in Professional Bodies -ISTE, IE(I), IEEE EMBS, PALS, Alumni Association, Communication Skills Club, Training and Placement & Higher Studies empower them to bejob-ready through their intensive career development programmes. The library committee, Readers' Club and NDLI Club help in

character building and healthy habit formation in absorbing the core values of life and education. Cultural Committee and Sports Committee cater to their personal values like leadership, comradeship, sportsmanship and celebration of togetherness. Training and Placement Cell empowers them on a regular basis to be job-ready through their intensive career development programmes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

19

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

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

- **Alumni entrepreneur also has their lion's share in uplifting our institution. They come forward to sign MoU, organize seminars, workshops with institutions, provide job offers and equip student with the tech and world stuff.**
- **It is not only the corporate that fetches us the placement record it's also our alumni who multiplies the placement record.**
- **Alumni also contribute to the development of institution by taking part as an active member in the board of studies elevating the curricula and syllabi as required in the global platform.**
- **KSRCT offers "One student, one Alumni" alumni mentoring program. This gives the opportunity for the students to**

- understand better and great exposure.
- As a last note, the main objective of this council is to develop Skilled KSRCTians as the nation arches towards "SKILLED INDIA". Our college join hands with the movement by creating killed KSRCTians.
- Each alumnus contributes Rs.500/- towards membership of Alumni association which is used for providing financial support to the students.
- Alumni also contribute Alumni help fund for financially weaker students
- The alumni also contribute to Institute towards development apart from Membership Fee. The Alumni has contributed Rs.15,34,938/- to the Institution in the years

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Management is assisted by Governing Council of the Institution, which takes over the planning and execution of various domains. The action plans are formulated in line with quality policy under the leadership of the Principal and the same are incorporated into strategic plans for effective implementation. The policy statements and action plans are tuned up for attaining the Mission of the Institution. Meetings with stake holders like parents, alumni and employers are conducted periodically to receive their feedback for implementing some of the action plans in line with progress of the Institution. All aspects of the teaching, learning and

evaluation process are assessed through regular course co-
ordinators, module co?ordinators, programme co-ordinators,
board of studies and academic council meeting.

Faculty are also deputed as class advisors, time table
coordinators, BoS co-ordinators, exam co-ordinators, T&P
coordinators, R&D co-ordinators, academic auditor, Institute
Innovations Council Member, ICT Academy co-ordinators, budget
coordinators, lab in-charges and co-ordinators of various
cells/ clubs/ professional bodies

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

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

The Institution is keen in promoting a culture of decentralized
governance system for its growth. The Head of the Institution
is empowered with full autonomy for overall monitoring of
administrative and academic activities to cater to the
Institution's Vision and Mission. The roles and
responsibilitiesof decentralized administrator's /decision
makers are listedbelow:

- Administrative Autonomy
- Financial Autonomy
- Academic Autonomy
- Examination Autonomy
- Student Autonomy

Participative management

KSRCT follows a decentralized approach in financial management.
At the department level, budget co?ordinator analyse the
requirements for teaching, learning, research and outreach
activities and prepare the budget. Budgets are then
consolidated and forwarded to the Financial Committee with the
approval of the HoD concerned.In case of purchase of
equipment's/ consumable, concerned faculty must submit a
detailed proposal to the Purchase committee through respective
heads. Purchase committee analyses the proposal andmake

recommendations based on merit of the case. Once approved by the committee, purchase can be initiated as per the financial power of the authorityThe Institution promotes the culture of participative management at all levels, which facilitate the faculty and students to give their view and suggestions to improve the quality of planning andimplementation in all possible means.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

Smart / Digital Campus with effective e-Governance

In line with the Institutes' strategic plan, KSRCT successfully implemented effective e-governance system with internal software and web development team to enable smooth transition from manualprocess to digital campus.

KSRCT CMS is an indigenously developed web portal to govern and maintain the day-to-day academic activities of the Institution. Meanwhile, Programming Skill Development System (DIGIPRO) is an in house web Integrated Development Environment (IDE) to facilitate programming skillset of students.

SectionFeatures :KSRCT CMS - http://www.ctcms.ksrct.net/

Student

Student Profile, Attendance, Assignment/ Tutorial and Test Marks, Lab Marks, Internal Marks, Semester Result, Feedback, Bonafide Certificate

Faculty

Faculty Profile, Biometric Attendance, Salary Receipt, Exam Duty, Assignment/ Tutorial and Test Mark Entry, Students Attendance Marking – OD, Leave, Permission

Academic

e-Circular, Academic Schedule, Internal Marks Generation, Subject Allocation, Attendance Proforma, SMS to Parents, Result Analysis

Library

OPAC, Book Reservation, e-Gate, Online Research repository, e-Contents, Question Bank

Exam

Seating Arrangement, Result publication

CAMPUSRANN - https://ctplacement.ksrctdigipro.in/

Placement

Students & Company Database, SMS/e-mail Triggering

DIGIPRO - https://ksrctdigipro.in/

Programming

C, C++, Java, Python, PHP, Perl, SQL, HTML, JavaScript, JQuery

Evaluation

Test cases passed, Logic used, Time taken, Compilation count andspace used

Exam

Quiz, Online Proctoring – Live / Automated

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

- **Internal Quality Assurance Cell (IQAC): provides benchmarks, proposes roadmaps, and monitors the institutional development activities**
- **Governing Council: The functions of Governing Council are to approve the academic, financial, and administrative policies of the institution, to appoint faculty members and staff, and to review the annual report & the audited accounts and budget estimates.**
- **Academic Council: Reviews regulations, curriculum, and academic processes.**
- **Research Council: Reviews research project proposals**
- **Student Council: Meetings are conducted regularly with the representatives of students to improve the functioning of the institution.**
- **Board of Studies: Reviews the curriculum and syllabus of courses.**
- **Standing Committee: Monitors and recommends academic administrative and financial matters.**
- **Department Advisory Committee: Reviews and provides direction for continuous improvement of department activities**
- **Finance Committee: Reviews budget for the departments and college.**
- **Building committee: Scrutinizes and approves the design estimates, cost of building and other capital works, minor works, repair, and maintenance**
- **IPR Committee: Reviews patentable ideas for filing them as patents**
- **Appeals and Grievances Committee: Any grievances related to Academic matters are addressed by the concerned Tutor, HoD, and Principal. When students are not satisfied with the outcome, they represent the Appeals & Grievances Committee.**

- **Women Development Cell: Women empowerment activities**

File Description	Documents
Paste link to Organogram on the institution webpage	http://ctcms.ksrct.net/NAAC/Criteria-VI/6.2/6.2.2/Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

The workforce is supported by the administration in respect of admission to the programmes for their children, additional medical benefits on a case-to-case basis.Prescribed EPF is provided to teaching and non-teaching staffmembers.Faculty and staff have sports contest annually.Teaching Staff Welfare Measures and Avenues for their career development/ Progression Prescribed EPF is provided to teaching and non-teaching staff members.

Teaching Staff Welfare Measures and Avenues for their career development/ Progression

- Sabbatical leave for post-doctoral studies and internship

at industries.

- **Increments in Basic Pay, on completion of Doctoral degree programme.**
- **Faculty are recognized with the remuneration for coordinating FDPs**
- **Faculty are given the financial assistance for attending workshops/seminars/conferences**
- **Promotion/career advancement for faculty members is offered as per norms.**
- **Maternity leave is sanctioned to women faculty members.**
- **Medical/Accidental claims are facilitated to workforce. Incentives are given for Research Publications**
- **Faculty members are facilitated for filing the Patents.**
- **Coordinator honorarium are given to faculty who plans and organizes FDPs**

Non-Teaching Staff Welfare Measures and Avenues for their career development/ Progression

- **All the employees are covered with Health insurance.**
- **Awareness workshops on safety and health consciousness.**
- **Compensation for working on holidays and beyond working hours.**
- **Festival Advance for Staff members.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

273

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

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

14

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

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

325

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. KSRCT follows all statutory requirements for audits and accounting practices. Internal audit is conducted half yearly by the internal financial ommittee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through Head of the Institution. External audit is conducted once in every year by an external agency.

Process of the internal audit

All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same should be brought to the notice of the Head of the Institution.

Process of the external audit

The accounts of the college are audited by chartered accountant regularly as per the government rules. Institution has appointed statutory external auditor M/s.T.V.Venkatraman and Associates (M.No. 8925) to audit the accounts. External auditors audit the accounts once in a year. Any discrepancies during the audit will be discussed and sorted out with the supporting documents.

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

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

2.869

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

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

Institute has well defined financial structure to ensure effective and optimal utilization of resources for academic, administrative, development and maintenance purposes.

Finance committee

The master key for taking financial decision and related matter

are Finance Committee and the Governing Council. Financial committee nominated by the Principal has sole responsibility for

planning, implementing, and managing all the financial resources. It reviews the funding pattern, provides guidelines and strategies for mobilizing resources to support the implementation of the

Institutions strategic plan, and the fulfilment of its vision and mission.

Fund mobilization

Broadly, major internal resource mobilization is in the form of Academic Receipts (Admission fee, tuition fee, examination fee, etc.,). Meanwhile, the external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits (loans from banks) etc., In some cases, funds are raised from academic people, philanthropist, alumni and public through fundraising mechanism to meet expenses related to seminars, workshops, conferences, marathon and social cause.

Fundraising

It is obvious that each activity/ every person involved in fundraising activity on behalf of the Institution should obtain written permission from the Head of the Institution. In all cases, funds must be collected through Cash/ Cheque/ Demand Draft in favour of The Principal, K.S.Rangasamy College of Technology, Tiruchengode or by online transfer to the official account of the Principal.

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

6.5 - Internal Quality Assurance System

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

post-accreditation quality initiatives (Second and subsequent cycles)

Digital Assisted Language Learning System (DALLS) The Institution caters to the educational needs of the students hailing from rural areas. It is a known fact that the rural students face difficulty in the interpersonal communication and lacks in expressing their thoughts and opinions at times of interviews both technical and HR. Based on the feedback from stakeholders and Alumni for the betterment of students in improving their Communication Skills, Digital Assisted Language Learning System (DALLS) was introduced. DALLS is a system of self-paced learning in a controlled laboratory activity and the capsule activities namely LSRW tasks are rolled out to the students in the form of online quizzes and activity-based learning. DALLS works on the Microsoft Teams Meeting & MOODLE Platform. DALLS incorporates the Activity-Based Learning (ABL) into the learning system.

Innovation and Start-Ups KSRCT ensures maximum exposure to students in innovation and pre-incubation activities at an early stage and to support the pathway from ideation to creation to market. Institution organizes idea and innovation competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions and mentoring mechanisms with academic and industry personnel, giving real-life challenges, awards and recognition.

IQAC extends support and initiates valuable academic activities to the Institution and paves way for such good practices.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

Examination System

The students' learning is measured in conformity with Blooms Taxonomy i.e. higher order thinking skills and lower order thinking skills. The examination system is modified to access the different level skills of the students' learning. The questions are mapped to test the skills at different levels and

the course outcomes are mapped with every question. This process is in existence for both internal as well as external exams. This type of strategic examination system helps to evaluate the students' performance on continuous basis and helps to develop their analytical thinking abilities.

Question paper Audit :

In order to maintain uniform assessment of internal and end semester examinations, question papers are audited periodically. Question papers of internal tests are audited at the respective department level by module coordinators. End Semester examination question papers are audited by experts who are invited from other institutions. Corrective actions are taken based on the audit.

Answer script Audit :

Students are provided with an opportunity to view their answer scripts (of each course) after completion of evaluation and announcement of results. This is aimed to bring more transparencyand also reduces the number of re-totaling/re-valuation cases and End Semester examination answer scripts are audited by experts who are invited from other institutions. Corrective actions are takenbased on the audit.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.ksrct.ac.in/IQAC/Annual Day 2023-24.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

K.S.Rangasamy College of Technology focusses on gender equality and has a functional framework to promote the level of educational and technical skills among the women students from rural background. Various cells have been formed to adjudicate and to rise women empowerment in the institution. Cells comprises of Grievances cell, Women Empowerment Cell, and Anti-Sexual Harassment Cell to look after the issues raised by the women.Constitution of India is made as mandatory course for all the students. The prime importance was given with respect to curricular & co-curricular activities, the girl students are given equal chance to showcase their potential in all areas like sports, cultural and on the academic part too. The Institution has appointed women physical director to take care of the training / coaching and to accompany with them for the events. Women Empowerment cell often conducts various events and programs tobring out the hidden talents, Counselling assistance andmental health support.The Institution ensures female admissions to various programmes, scholarships and as lead role among student community cells and forums with equal ratio of office bearers to promote equality andprovides equal opportunities for women faculty to take up leader positions.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

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

K.S.Rangasamy College of Technology has implemented eco-friendly integrated waste management concept and practicing the reduced, reused and recycling principles regularly to make the Campus agreen one. Important practices implemented in the Institution for sustainable waste management are Solid Waste Management, Liquid Waste Management, E-waste Management, Bio Medical WasteManagement, Waste Recycling System and Hazardous Chemicals Management.

Organic waste such as tree leaves, flowers and papers are used asfeed for mushroom cultivation plant in the Institution. Food waste is used in production of biogas. Food wastes, human excreta andcow dungs are used as feed for digester.Over utilization of ground water and surface water are much reduced in our institution by following the three R principle. Liquid waste collected are conveyed to the waste water treatment plant and treated. This treated water is tested in Environmental Engineering Laboratory to determine its quality and it is reused for gardening and toilet flushing.Institution takes utmost care in collection, storage and safe disposal of E waste. Paper consumption is considerably reduced in the institution by adopting digital mode in all walks of works. In order to be an eco-friendly campus, usage of plastic bags is strictly banned inside the campus.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus — **A. Any 4 or all of the above**

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The Institution promotes value concerns to be rooted in contemporary contexts like various social issues and concerns like environmental sustainability where the interest in tree plantation drives, National unity, propagating the saving of river, Clean India campaign and plastic awareness are aroused.Students have participated in preparing cotton bags as alternative to plastic bags and are distributed to public as a complement. The Institution has taken up a project to clean the regional places like temple, public areas in villages to show the responsibility in building a clean and sustainable environment.

Students with social concern join hands with NSS/NCC volunteering team and participate in rallies for health awareness, stress management, health and hygiene awareness to village and do participate in various activities for the noble cause like marathon for cancer awareness, road safety awareness, etc.The positive relationships is cultivated among studentsfor thedevelopment of cooperation and respect for a diversity of people and cultures that allow us to live and work in the realities of the world. The volunteering team of NSS and staff coordinators have contributed food, essential amenities like hand-wash, sanitizer, gadgets, human support, materialistic support and COVID-19 data filling support by the SM Volunteers.

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

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

Constitution of India is a mandatory course for all first year students. The Institution offers 15 days' Student Induction programme to every first year students before the commencement of their regular classes in the first semester. They are mentored and inculcated with Universal Human Values. Professional Ethics course is also a part of curriculum to educate the students to resolve the moral issues in the profession. The Institution promotes consciousness among students about rights which are essential for protecting the citizens against the arbitrary exercise of power by the government. Rally on constitutional responsibilities is also organized frequently to make them aware and disseminate to others about the importance of voters' rights.

The Institution motivates the students to participate in election duties as their prime responsibility to help the government to increase the polling percentage of responsible voters. Students take oath on National Unity Day on October 31 and National Voters' Day on January 25, and their participation in pledge is also regular in Grama Shaba Meetings. KSRCTians are also aided in bringing the same constitutional values among the village people by making them to take part in panchayat meeting and ensuring the voters responsibilities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization	**A. All of the above**

programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

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

K. S. Rangasamy College of Technology rejoices with certain memorial days with the due respect. The Institution regularly celebrates Teachers' Day and National Youth Day by sharing greetings to members of faculty and students, and by flowering the portraits of Sarvapalli Dr. Radhakrishnan and SwamiVivekananda.Independence Day and Republic Day are national commemorative days observed by formal parade andflag hoisting. Special competitions like essay writing, poster and drawing competitions are organized for the students.

Dr. APJ Abdul Kalam's Birthday Dayand Engineers' Day are celebrated by paying tributes and flowering the portraits of Dr. APJ Abdul Kalam and Dr.Visvesaraya respectively by organizing essay and quiz competitions every year. Virtual Independence Day Runwas organised in 2020 and 2021 to propagate physical fitness among the stakeholders in the face of pandemic.

National Education Day is celebrated to honour the birth anniversary of Shri. Maulana Abul Kalam Azad by the NSS volunteers with a guest lecture presented by a renowned

personality. Martyrs' Day is observed in remembrance of the assassination of Mohandas Karamchand Gandhi by observing silence for 2 minutes in the classrooms. International Women's Day is observed in a grand manner with many special events, and gifts.

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

7.2 - Best Practices

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

Institution's Innovation Council (IIC)

Objective :

1. To create a vibrant local innovation ecosystem.

2. To have a start-up supporting mechanism in the Institution.

The Context

IICs' is to engage faculty, students and staff in various innovation and entrepreneurship related activities such as ideation,Problem solving, Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized.

Evidence of Success

IIC has bagged "3 Star" Rating in IIC 1.0 and "5 Star" Rating in IIC 2.0. KSRCT-IIC is the recipient of AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) - Grantworth - Rs.1,00,000/-.The Institution is indebted to KSRCT-IIC for its achievement for being categorized among Band-Excellent group in Atal Ranking of Institutions on

Innovation Achievements (ARIIA) Ranking 2021 under among Self-financing/ Private institutions (Technical).

Problems Encountered and Resources Required

The COVID 19 pandemic and accompanied lockdown were negating the fruitful collaboration of students for a vibrant local Innovation system but the IIC members have overcome the obstacle of theconfluence of young minds by both physical and virtual transaction of ideas among them.

File Description	Documents
Best practices in the Institutional website	https://ksrct.ac.in/best-practices-teachinglearning/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Institutional Distinctiveness

Programming Skill Development System (PSDS)

Programming Skill Development System (PSDS), also known as Digipro, is an indigenous web Integrated Development Environment (IDE) that facilitates more efficient and effective programming skills and improvises the logical thinking ability of students.

Objectives of PSDS

1. To inculcate the logical thinking and improve the programming skills.

2. To facilitate students to execute the codes in any programming languages such as C, C++, Java, Python, PHP, SQL, HTML, JavaScript, JQuery after the logical thinking process.

3. To equip students to be self-reliant in programming and code testing process..

Other Utilities of Digipro

1. A powerful platform to conduct online examinations both MCQs and descriptive questions

2. During pandemic period, Digipro was effective in extending proctored online Examinations, and thereby efficiently support the progress of academic activities and examinations online

3. The platform was diligently developed to conduct internal hackathons and codeathon contests and help in identifying efficient top coders in the departments.

4. The platform was used as the Assessment Tool Support for the first level recruitment process by the companies such as M/s Coding Mart Technologies, Bengaluru and M/s Granite River Labs Technology (GRL) Pvt. Ltd. Bengaluru

The web link of Digipro is : https://www.ksrctdigipro.in/

File Description	Documents
Appropriate link in the institutional website	https://ksrctdigipro.in/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

NEW PROGRAMMES: The institute has planned to start new UG programs relevant to future industry needs.

FACULTY MANAGEMENT SYSTEM: Provide a fascinating work environment for faculty and staff, where merit and hard work are recognized and rewarded.

RESEARCH AND DEVELOPMENT CELL: All departments plan to set up a research Centre with the approval of the University. Work towards getting more research funds, Publications, Consultancy, and filing of patents.

INCUBATION CENTRE: To strengthen the innovation Ecosystem through Angel funding and Venture capital and create a conducive atmosphere for faculty and students to engage in start-ups. Incubate successful start-ups creating innovative products and business models using the knowledge and technologies developed by the Institute. Institute has planned

to get accredited and sign CoE by some of the reputed industries so that there will be regular campus placement drives from these companies.

ALUMNI: Strengthening the involvement of alumni in all aspects of the Institute's development—interacting with students, mentoring incubates, and contributing resources towards enhancing the facilities and quality of education. Implementing One Alumni Mentor – One Student to educate the students on current trends.

RANKING: To improve ranking position in NIRF, NAAC , and all eligible programs accredited by NBA.