Yearly Status Report - 2018-2019

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 own campus	**Yes**
Phone no/Alternate Phone no.	**04288274748**
Mobile no.	**9994150505**
Registered Email	**principal@ksrct.ac.in**
Alternate Email	**gopalakrishnan@ksrei.org**
Address	**K.S.R. Kalvi Nagar, Kuchipalayam (PO), Thokkavadi, Tiruchengode(TK), Namakkal(DT)**
City/Town	**Namakkal**
State/UT	**Tamil Nadu**

Pincode	637215

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	19-Jun-2014
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.P.Premkumar
Phone no/Alternate Phone no.	04288274748
Mobile no.	9790666007
Registered Email	iqac@ksrct.ac.in
Alternate Email	premkumar@ksrct.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.ksrct.ac.in/admin/file_manager/source/IQAC/AQAR_Report(2017-2018).pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.ksrct.ac.in/page/academic-calendar.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.21	2012	10-Mar-2012	09-Mar-2017
2	B++	2.92	2019	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC	11-May-2012

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

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 cumulative record of tall
the departmental activities / achievements. Through which IQAC Providing
information to various government and non governmental application / Surveys /
data captures and make necessary and prompt follow up

No Files Uploaded !!!

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

Plan of Action	Achievements/Outcomes
No Data Entered/Not Applicable!!!	
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	**10-Jan-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**28-Sep-2018**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**09-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**KSRCT College Management System (KSRCTCMS) is an indigenously developed automation software for the EGovernance. KSRCTCMS includes the following: 1. Faculty and student ID card: Faculty and student ID cards are printed and issued in the Institution. The ID cards are used to access the college library for borrowing books and reading reference books/journals/newspapers. 2. Faculty**

and Staff Management System: The biometric thumb impression is implemented for Faculty attendance. The automated system is used to maintain the casual leave, medical leave, compensation leave, on duty, permission and loss of pay etc. and service records of Faculty and Staff. 3. Academic Management System: The personal details of students are entered in to the academic management system, once the student enters in the beginning of the 1st year. The marking of hourly attendance, entering the continuous assessment test, assignment and tutorial marks are done by the course faculty within a specified time limit. The internal mark is generated and transferred to controller of examinations for publishing the results. The class advisor enters the students leave, on duty and permission in advance. The students and parents can view the personal details of students, attendance and internal marks, Semester results through their login using the link http://ksrctcms. 4. Student feedback system – Faculty Evaluation System: The online feedback system is used to capture the feedback from students for individual courses to improve the teaching – learning process. 5. Library Management System: The library management system is used to maintain the details of books, details related to issue and return of books and to access the E resources. An Online Public Access Catalog (OPAC) is available in the learning resource centre for searching of resources. 6. Placement Training: The Placement portal is developed to maintain the student databases for placement activities. The aptitude tests are conducted through online (http://ksrct.indiacareerportal.com) and the performance of the students can be analyzed. 7. Conduct of online exam for programming courses: KSRCTDIGIPRO is an indigenously developed platform to analyze the coding performance of students. 8. Course materials in Moodle: Lesson plan, Course materials, Lecture videos, assignment and model question papers are uploaded in Moodle open source software and it can be accessed through the link http://xtlearn.ksrct.ac.in. Quizzes are

conducted using Moodle software to analyze the performance and the learning levels of students. 9. Research Repository: The digital copies of research articles published by the faculty members are maintained through institutional repository system in our institution. 10. NPTEL and QEEE Courses: The digital content of course materials and videos developed by NPTEL and QEEE are stored in a separate server. The students, faculty and staff can access these servers from anywhere at any point of time. 11. Campusrunn, is the portal (CRM) developed by our faculty to automate the campus placement process and is being successfully used by our students and faculty.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
ME	Computer Science and Engineering	18/06/2018
ME	VLSI Design	18/06/2018
ME	Engineering Design	18/06/2018

ME	Industrial Safety Engineering	18/06/2018
ME	Structural Engineering	18/06/2018
ME	Power Systems Engineering	18/06/2018
Mtech	Nano science and Technology	18/06/2018
Mtech	Biotechnology	18/06/2018
MBA	Master of Business Administration	18/06/2018
BE	Mechanical Engineering	18/06/2018
BE	Electrical and Electronics Engineering	18/06/2018
BE	Electronics and Communication Engineering	18/06/2018
BE	Computer Science and Engineering	18/06/2018
BE	Mechatronics Engineering	18/06/2018
BE	Civil Engineering	18/06/2018
BTech	Information Technology	18/06/2018
BE	Electronics and Instrumentation Engineering	18/06/2018
BTech	Textile Technology	18/06/2018
BTech	Biotechnology	18/06/2018
BTech	Nano Science & Technology	18/06/2018
BTech	Food Technology	18/06/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes

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

Feedback Obtained

Structured feedbacks were collected from various stakeholders such as employers, alumni, parents, students and faculty members. Stakeholder-1:Student The students stated that adequate number of elective and open courses is offered to improve the knowledge on technological developments. They appreciated the introduction of swapping of courses for aspiring of Project Internship in industry or research organizations. The students are requested to offer one credit, self study and online courses. Stakeholder-2:Teachers The faculty members are suggested to introduce Data Science, Machine Learning and Android Development courses in curriculum. They also suggested to change the mode of content delivery like flipped class, think-pair-share, group discussion, role play, etc. The faculty appreciated the introduction of Digital programming skill development system for the students to improve the coding performance in programming languages such as C, C, Java, etc. and moodle platform for uploading the course materials, assignment questions, videos and quiz questions. Stakeholder-3:Employers The employers suggested to implement industry internship is mandatory for under graduate students and also to introduce one credit courses offered by industry. They requested to arrange frequent industry visits for students to make them exposure to industry. The employers appreciated the infrastructure facilities available in the institution and their utilization. Stakeholder-4:Alumni The alumni are requested to offer skill development courses, mock interview and training related to placement. They also suggested to arrange frequent industry visits and training activities related to placement to their wards. Stakeholder-5:Parents The parents are requested to arrange coaching classes for arrear students and higher studies (GATE, TOFEL, GRE) and competitive examination coaching for bright students. Foreign languages like German, Japanese may be introduced in the curriculum. The parents are appreciated the initiatives taken by the management for the overall development of the institution. Based on the feedbacks, the following measures were taken for the overall development of the institutions. • Digital programming skill development system "(DigiPro)" is introduced to improve the coding performance of students in programming languages such as C, C, Java, etc. • The "Centre of Excellence for Manufacturing" is established to train students in the areas of Design Development, Automation, 3D printing, CNC Machining, Virtual reality, Reverse Engineering and Industrial IoT to impart skill sets required for manufacturing industries and enhance their employability opportunity. • Special coaching classes are arranged for academically weaker students to improve their performance. • Bright students are identified based on academic performance and their involvement in co-curricular activities. They are encouraged and facilitated by the faculty mentor to apply for project contests, internships, fellowships and other trainings. • Students are taken for industrial visits relevant to their courses during every year. • One credit courses are offered by resource persons from industry which helps students have a glimpse of what is happening in relevant industries. • The modes of content delivery used in the classroom like flipped class, think-pair-share, group discussion, role play and seminar presentation helps students to interact with faculty and among themselves and learn.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
View File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3370	233	221	22	58

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
301	301	12	75	105	13
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Type of mentoring: Professional guidance/career advancement/course work specific/laboratory specific/ all-round development. Number of faculty mentors: Number of students per mentor: Frequency of meeting: The institution provides mentoring to students at individual levels as wells as group level. The following mentoring system are developed and practiced to help students at various levels. • Course work and Laboratory specific mentoring • Professional Guidance • Career Guidance – Training requirement and Placement • Participation in competitions – Paper Presentation/Project • All round development Course work and Laboratory Specific Mentoring: This is done by the Course Coordinators and Module Coordinators. The progresses of the students at individual levels are continuously monitored based on their regularity performance in Tutorial, Laboratory classes, and continuous assessment test. Students having backlogs are counseled and special coaching classes are given. Efficacy: Students progression in Course work/Laboratory specific are computerized and related day can be obtained by the Course/Module Coordinator/HoD and analyzed for further course of action. Number of Faculty: All Frequency of Mentoring: As and when required Number of Students per Mentor: 12 Impact: Students are made to understand their responsibility, Increased pass percentage and improvement in the level of understanding. Professional Guidance: All departments have well experienced faculty to offer professional guidance based on the aptitude of students higher studies, Placements and Entrepreneurship. Inputs from Industries, Entrepreneurs and Alumni are invited at regular intervals to address the students and make them aware of the challenges in their profession. The institution has Higher Education cell and Entrepreneurship Development cell. The faculty responsible and handling these cells are working towards the success of students. Career Guidance: Training Placement Each class is assigned with a Training and Placement Coordinator. They study the training needs based on the requirements of the Industries visiting for campus placements. Technical training is given by the identified faculty in the department. Training for aptitude tests are outsourced. The training department has developed software indigenously to conduct tests on aptitude and technical. The performance of the students can be analyzed through computer, accordingly training needs are planned. All faculty members are regularly motivating and guiding the students to participate and present a paper and demonstrate their projects in reputed institutions. As stated above, the college puts forward efforts to realize total development of the student. In addition to academics, literacy, cultural and sports activities are conducted which offer leadership qualities and decision making abilities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3603	301	11.9

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
301	282	19	19	108

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
[View File](#)			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
[View File](#)				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	3597	0

2.6 – Student Performance and Learning Outcomes

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

http://ctcms.ksrct.net/Academic/Downloads/Vision_Mission_PEO_PSO.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
[View File](#)					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the

questionnaire) (results and details be provided as weblink)

 https://drive.google.com/file/d/1LAf_xsqHL8uMOMeiblHMVxXTlS1aZrkK/view

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Total Faculty: 34
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
View File				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

14

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
View File		

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsored By	Name of the	Nature of Start-	Date of

Center			Start-up	up	Commencement
No Data Entered/Not Applicable !!!					
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	7
Electronics and Communication Engineering	1
Information Technology	3
Civil Engineering	1
Mechatronics Engineering	1
Biotechnology	1
Master of Business Administration	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mathematics	2
Textile Techonology	2
Mechanical Engineering	2
Electrical and Electronics Engineering	17
Electronics and Communication Engineering	27
Computer Science and Engineering	28
Information Technology	22
Civil Engineering	4
Biotechnology	3
MBA	6
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the	Name of	Title of journal	Year of	Citation Index	Institutional	Number of

Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
			No Data Entered/Not Applicable !!!			
			View File			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
			No Data Entered/Not Applicable !!!			
			View File			

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	57	103	7	4
Presented papers	40	52	25	2
Resource persons	2	19	4	5
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
	No Data Entered/Not Applicable !!!		
	View File		

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Master of Business Administration	**Role of Marketing in Small Business**	**Indian Bank Self Employment Training Institute (Indseti), Namakkal**	3600	55
Master of Business Administration	**Consultancy Advisory Service**	**Namakkal District Cooperative Bank**	3600	30
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Anna University level Best NSS Volunteer Award function	Anna University level Best NSS Volunteer Award	Anna University National service scheme, Chennai	1
Best NSS Programme Officer	Anna University level Best NSS Volunteer Award	Anna University National service scheme, Chennai	100
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
381.52	293.77

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KSRCT –Library Management Sysytem	Fully	8.0.88 Updated 2019	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	1287	402777	585	185379	1872	588156
Reference Books	136	91893	75	211744	211	303637
e-Books	2063	185893	14777	124999	16840	310892
Journals	293	1062617	293	777922	586	1840539
e-Journals	4959	1851994	10503	2032978	15462	3884972
Digital Database	1	20060	1	18172	2	38232
CD & Video	236	0	150	450	386	450

Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	0	0	0	0	0	0
Others(specify)	0	31743	0	11222	0	42965

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!		
View File		

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1563	35	35	1	1	22	13	120	0
Added	312	0	0	0	0	0	0	0	0
Total	1875	35	35	1	1	22	13	120	0

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

120 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Media Centre: Camera for recording facility, Cordless mike, Speakers, White Board, Television, Portable wireless amplifier, Internet Connectivity	http://ctcms.ksrct.net/NAAC/4.3.4/2.Media_Centre.mp4
Media Centre: Camera for recording facility, Cordless mike, Speakers, White Board, Television, Portable wireless amplifier, Internet Connectivity	http://ctcms.ksrct.net/Video/InHouse/Index.asp

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites

160.88	123.88	836.82	463.23

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

Physical Facilities: Sports: The College provides facility in play fields for various indoor outdoor games. It is well equipped with Outdoor open Gym facility. The Department of Physical Education consists of Physical Director, Assistant Physical Director, Physical Directress, Gym instructors and ground markers. The department provides systematic training and coaching for players in various sports and games. The College organizes annual sports meet and encourages the students to participate in the Intra and Inter Collegiate events and winning the laurels Hostels: There are three hostels, each one for UG, PG and Girl students situated within the same campus with the strength of 2000 students. The hostel administration consists of Chief Warden, Warden and Deputy Warden for Gents and Ladies Hostel. The mess Committee members' conduct periodical meeting to prepare the menu. Excellent amenities like indoor games, multi gymnastic centre and Internet facility have been provided inside the hostel premises for both girls and boys. Canteen: There are 5 food courts located at various points to serve a variety of food and snacks at affordable prices to the Faculty, staff, students visitors. The spacious canteen can access 400 persons at a time. Academic Support Facilities: Central Computer Facility: The college has high speed internet connectivity and Wi-Fi facility with high bandwidth to download study materials for faculty and students. The Central Computer centre (IT Park) remains open from 9 am to 6.30 pm. The system manager manages all the activities related to the Computer systems and networking. He is looking after the repair and maintenance of Computer system and its networking and prepares a schedule for providing computer service to all concerned. Library: The Library remains open from 8.00 am to 8.00 pm on all working days and by 9.00am to 5.00pm on all Sundays and holidays. New books and journals (National International) are procured by obtaining periodical requirement from HODs, Faculty and students. The Library housekeeping operations have been computerised using in house development library software (KSRCTCMS – LMS) .Our College has Readers Club to encourage students in participating book talk, debates and discussions. The faculty and students are honoured with the best library user award. Laboratories: Laboratories are operated and maintained by well qualified and skilled technical staff. Equipment are also maintained through AMC. Students can utilize the lab facilities beyond regular working hours for project work and research. Entry register is maintained to monitor the usage of the equipment in all the Laboratories. Class Rooms: The class rooms are provided with ICT facilities with good ambience. Class rooms are utilized for additional coaching classes for slow learners, Placement Training and GATE coaching classes. Seminar Halls: Each department has its own seminar hall with ICT facilities to conduct various curricular and cocurricular activities and it is maintained by respective department in charges.

http://ksrct.ac.in/page/infrastructure.html

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	KSR HELP FUND	6	120000
Financial Support			

from Other Sources			
a) National	SC/ST PMS Scholarship Tuition Fees, BC/MBC PMS Scholarship, National MCM (Minority) Scholarship, National Central Sector Scholarship, National Disabilities Scholarship, National Prime Minister Scholarship, Private Jindal Trust, Other Scholarship	1907	17284525
b)International	Nil	0	0
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
National Digital Library - NPTEL Online Courses	07/01/2019	936	NPTEL
INTERNSHALA Orientation Programme	09/07/2018	1709	AICTE - Internshala
HR Lens - The Leaders View	02/03/2019	376	Amezon, United Techno Info Systems
Special Outreach Programme	07/03/2019	50	SVEEP/Agricultural Flagship Schemes/Swachh Bharat Mission/Poshan Abhiyan/ Empowerment of Women
Higher Education Opportunities in Abroad	21/02/2019	48	Staar Uniadvise p.Ltd., Mumbai
International Day of Yoga	21/06/2018	200	Vethathiri Maharishi meditation Centre, Pallipalayam
Remedial coaching Class	16/07/2018	715	KSRCT Faculty Team
Personal Counselling and	18/06/2018	3603	KSRCT Faculty Team

Mentoring			

No file uploaded.

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	GATE	51	0	2	0
2019	GATE	62	0	1	0
2018	MAT	1	0	1	0
2019	GRE	1	0	1	0
2018	Training for Career Counseling Activites	0	3286	0	633

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
91	869	440	61	295	193

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.E.	Electronics and Communication Engineering	University of Hertfordshire, UK	MSc - SW

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying

GATE	1
GRE	1
GMAT	1

No file uploaded.

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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

The objective of the Student Council is to create a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. It enhances the skill set in diverse fields thus strengthening their technology aspects and equipped with administrative capabilities. This council facilitates the student to decide on their interest of taking up fields in which they can show cast their capabilities and competence. The council has been branched to establish various forums based on academic, society, activity and skill oriented. The cell claims to maintain a positive environment throughout the learning period of the student. These forums have their respective faculty and student coordinators to monitor the activities taken up. Class Committee and Department Association contributes to the academic base forum. Each department has its own association with laid tech stuffs both on academic and administrative bodies. This carried out by means of class committee meeting and department association activities. The meeting is not only for the committee members it is open to the entire student community, interested students can take part of the student council. Participation in association activities and organizing the event makes one to upgrade themselves to the next level. Reader's Club and 'I can' club offer the endurance a student should possess in physical and mental means. The council serves as a platform through this forum to discuss all academic and administrative concerns. Society based forum is served by NSS, NCC (Army Air wing),YRC, Energy Club, Red Ribbon Club, Women Empowerment Cell, Green Compass and Eco green cells. This forum bestow utmost confidence and steer the student to actively take part, discover their talents, transforms them to take new shape, create their own style and bring laurels for themselves, institution and the society. Cultural Club, Tamil Mandram, Sports Club, Yoga mediation (Self Rejuvenation Club) are activity based forum. Through this forum the student council creates great leaders, orators, dancers, sportsperson, musician and craftsman added to their engineering degree. Skill based is met by Inova Club, SAE, BAJA work, Higher Education Cell, Entrepreneurship Development Cell, ISTE-Student Chapter and Human Resource Development Cell. The council not only concentrates on extracurricular activities, it also extends hand to the value

added courses, foreign languages, personality development and stress management by means of this forum. The Moodle platform is available for all students, it is the hub of knowledge where one can discuss all such academic issues, rise questions and get clarified. This is a forum exclusively meant for discussing academic concerns. The main focus of this council is to shape and build the skill set of the student in a competent manner meeting the challenges they face in life.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Response: This association cultivates a strong bondage between the institution, student and the alumni. It facilitates the students and Institution to know about the technological innovation, Academic curriculum, Entrepreneurship development etc., This association shows lights upon the burning topics like industrial expectation with the student community, current trend, and role of engineer in the society as well as industry. The alma matter sets track record for the organizations and corporate in which they work with, strengthening the name and fame of the institutions they graduated. This enhances the quality of the institutions among the corporate thus enriching the placement in one end and admission on the other end. This association also serves as a forum to let know the current opportunities worldwide and the skill set people require, in addition they create opportunities and the fact that one cannot deny is that "Alumni lays down the path for the future of the institution and also the student who graduate from it". 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. Alumni take part in the invited talk and share their knowledge and experiences to the student. In this forum the students are allowed to interact with the alumni to foster the rapport between the current student and old student. The student seeks help from them to manage academic and personal pressure they experience all through their period of study. This association also offers guidance to the institution and the student regarding the value added course thus enabling the student and the institution to compete in the higher education and industrial sector. They also suggest add on courses which gains credit during the placement activities and some alumni they by themselves organize add on courses and nourish the institution and the student. Alumni encourages the institution by providing valuable feedback about the teaching learning process, infrastructure, amenities and all such issues concerning to the academic institutional aspects. This feedback serves best to its purpose to fortify the institution by all means. As a last note, the main objective of this council is to develop Skilled KSRCTians as the nation marches towards "SKILLED INDIA" our college join hands with the movement by creating skilled KSRCTians. Alumni identifies the missing link between academia and industrial expectation and links education to employability of new knowledge.

5.4.2 – No. of registered Alumni:

1329

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

No.of Meeting/Activities: 8 • Department of Information Technology conduct two alumni meet per year. First meet conducted on 29.09.2018 (connect). 2017 pass out students 12 members participated and guide their juniors by following topics Session on Communication Skills, Higher Studies, How to search Job?, Recent Trends and Technology in IT industry, Career opportunities for Freshers in IT industry. • Department of Information Technology was conduct Second meet conducted on 29.12.2018 (Decade Meet). 2008 pass out alumni 7 members participated in this alumni meet and given awareness for our students in various topics like higher education, current trends in IT, How to face Government exams, etc. Three of our alumni participated through Skype call and guide juniors. • Chennai Alumni meet 2019 was organized for Electronics and Communication Engineering on 24 th February 2019 at Chennai. The main objective of the meet was to get connected with the alumni and make the bond stronger with the department. 43 Alumni members attended the alumni meet and shared their working experiences and memories. Three alumni members gave their valuable feedback and suggestions for the betterment of Institute and Alumni Association. • Department of Civil Engineering organized for Guest lecture on Interview preparation for design companies by Er.V.Subramani (2014-2016 PG -Alumnus), Design Engineer, Tata Consulting Engineers, Noida. • Department of Civil Engineering organized for Guest lecture on Competitive Exam Preparations by Er.S.Sathish(2013-2017 Alumnus), Assistant Engineer , PWD-WRO, Nagerkoil. • Department of Civil Engineering organized for Guest lecture on Innovative Ideas in Student Projects by Prof. K.Eswaran (2009-2013 Alumnus), Assistant Professor, Civil Department, Sengunthar Engineering College, Tiruchengode. • Department of Civil Engineering organized for Guest lecture on Career opportunities in Civil / Structural Engineeering by Dr.K.Jayachandran(2004-2008 Alumnus), (RD) Ultratech Cement, Maharastra • Department of Civil Engineering organized for Guest lecture on Innovative ideas in Construction Project by Er.E.R.Yogeshwaran (2011-2015 Alumnus), Managing Director, Best Property Developers ECR Constructions, Coimbatore and Er. R.Vishnu (2013-2017 alumnus), Project Engineer, Subbu Builders, Tirupur.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The institution encourages in promoting a culture of decentralized governance system for its growth. The roles and responsibilities of administrators/decision makers for various assigned jobs are listed below: • 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 head of the institution decentralizes the governance system and autonomy is given to all Heads of departments. • Powers are delegated to the Heads of the departments to plan and execute various events in consultation with faculty members. • All academic and administrative activities are decentralized and decisions are taken based on discussions in the Heads of the departments (HoD) meeting with the Principal, department meetings and class committee meetings. • The Academic Coordinator prepares the academic schedule of the institution in consultation with the Principal. • Members of faculty head various committees to conduct a wide range of activities and to facilitate the smooth functioning of the institution. • Each course has a course coordinator. The Course Coordinator sets course objectives in consultation with the faculty teaching the course, prepares the teaching plan for the semester, conducts meetings with the faculty regularly to monitor and review course completion and attainment of course outcomes and

submits a report of the same to Programme coordinator/Head of the department through the module coordinator. • Students are assigned individual responsibility like Class representative, Class committee members, participating as the representative of college for various events like sports, cultural and conferences/seminars/workshops. Students are also involved in various club and association activities. • Students are given freedom to approach industry for internship, training and projects. Students are also given freedom to choose their elective courses. • The institution promotes the culture of participative management at all levels, which facilitate the faculty and students to give their view and suggestions for further improvement. • Participative management allows cooperation with all departments and thereby improves the quality of planning and implementation of all the activities in the institution. • All the stakeholders are free to meet the Principal or the Management to give their ideas and suggestions.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	i. Curriculum has been revised following the guidelines of AICTE model curriculum. More emphasis is given to employability, skill development courses in 2018 Regulation with more number of subjects in the open elective category. It has been insisted to carry Design of components/ structures as the mini project. ii. Feedback from Alumni, Industrial experts, Subjects experts from other premier institutions is also considered and incorporated in the syllabus. iii. Industry- based electives were incorporated in the new curriculum.
Examination and Evaluation	i. There is a complete transparency in the examination system, Evaluation of internal assessments for 50 through continuous assessment that includes two internal tests, Three Assignments and three objective type questions and End Semester Examination for 50. The tentative dates of internal tests and semester examinations are presented in the academic calendar well in advance. ii. Almost for all the subjects, detailed key is obtained from the question paper setter and given to the examiners during valuation. iii. The students are given opportunity to review their evaluated answer sheets immediately after the publication of results and they can apply for revaluation if they are not satisfied with the evaluation.

Research and Development	i. All the programmes are approved by Anna University and all the departments are recognised as research centres to carry out research. ii. Faculty Members are encouraged to attend National/International conference by providing funds. iii. Providing funds for Patent filing. iv. Incentives and certificates are given to faculty members for publishing books, publication of papers in high impact factor journals during the Academic Award function
Library, ICT and Physical Infrastructure / Instrumentation	i. Department Library is functioning every working day and it has been made automated. ii. Book exhibition is arranged frequently at campus to identify and purchase standard books both for issue and reference sections. iii. The Central library has adequate space for reading activities and Photo copying facilities are also made available for the students in the library. iv. Library subscribes to e-journals provided by IEEE, Science Direct, Elsevier, and other reputed international publishers of scientific and technical journals.
Human Resource Management	Institute has established well defined administrative section and academic sections to look after the employees and students respectively. The Institute maintains all service records of the employees and keep up-to-date records of their leave. Institute has set up constituted Human Welfare Committee with various grievance redressal committees that address the complaints raised by the employees. This committee includes grievance redressal committee, staff welfare committees, women harassment committee and committee to take care of weaker sections of the society. Institute has provides medical facility to faculty and students whenever required. All faculty and students are insured for the accidents through group insurance policies.
Admission of Students	I. I. For UG admissions for the entire programs the institution admitted according to Tamil Nadu state Government Norms by counseling through single window system by Anna University, Chennai. II. For PG students admission takes place based on the criteria of entrance examination

	such as GATE, TANCET and Institution's written tests.
Industry Interaction / Collaboration	The Institute has collaboration with the following Industries and are maintaining good interaction with them in arranging program for the betterment of students community. • Augusta Hi-tech Centre of Excellence for Block Chain • Aspire Systems Centre of Excellence for Data Science • Virtusa Centre of Excellence for Testing • Virtusa Centre of Excellence for CRM • Centre of Excellence in Manufacturing Process (PTC) • Centre of Excellence for Internet of Things(IoT) • Centre of Excellence for Systems, Applications and Products in Data Processing (SAP) • EMC Center of Academic Excellence for Big Data and Data Analytics • National Instruments Centre of Excellence (NICE) for Interdisciplinary Projects

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

E-governace area	Details
Administration	Billing software, Transport Pass, Supporting staff work diary, Grievance and redressal System and Accounting software packages as part of office automations.
Finance and Accounts	Billing software and Accounting software packages as part of office automations Fee collection and other related payments are done through online
Student Admission and Support	Dote – Oracle Developer form o Anna University – National Information Centre, Chennai o AICTE Web portal o Automation of Students feedback system for the in-house usage. o Online Public Catalogue services for the provision of automated book search, issue, return and other value added services. o College Transport information management software is developed for Transport process.
Examination	Exam fee collection, generation of hall tickets, preparation of seating plan, declaration of results and printing of mark sheets etc are done through software.
Planning and Development	KSRCT actively uses online source of operations. The academic activities of entire college have been automated (KSRCTCMS) through which students know their academic related data such as

attendance, assignment, Tutorial, Lab and continuous assessment marks. For salary and leave, Pay books are used to prepare and upload salary slips. It keeps the track of all personnel details of employees. Institute has its own LAN connection to communicate it with internal stakeholders. Institute maintains its website www.ksrct.ac.in to communicate its philosophy and updates to external stakeholders. Campusrunn Placement Tracking System acts as source of controlling and updating the campus placement activities.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	How to Write a Successful Project Proposal to Funding Agencies	Nil	21/07/2018	21/07/2018	4	12
2018	Guidelines to attend STTP on "NBA Accreditation (ICT01)"	Nil	22/04/2019	26/04/2019	50	0
2018	Sales Forces Essentials for Business Specialists	Nil	29/11/2018	01/12/2018	2	0
2018	Foundation	Nil	13/09/2018	18/10/2018	10	0

	Program in ICT for Education (IIT-Bombay)						
2018	Pedagogy for Online and Blended Teaching – Learning Process (IIT-Bombay)	Nil	30/10/2018	13/12/2018	10	0
2018	Nil	Training on Communication Skills	02/07/2018	30/09/2018	0	55
2019	Nil	Training on Computer Skills	04/02/2019	30/05/2019	0	52
2018	Nil	Computer Skills for Non-Teaching staff	21/07/2018	21/07/2018	0	12

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
19	19	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Faculty members were provided with congenial work environment. • The faculty members were given free transportation facilities. • They also can avail quarters constructed within the campus. • They are	• The non-teaching staff members can avail free transportation facilities. • Their working hours is as per the norms. • Library staff members are working in shifts since the Library is opening from	• The students were given free transportation facilities. • They are permitted to avail medical facilities in the Dental College Hospital at concession rate , • All the students were provided with group

permitted to avail medical facilities in the Dental College Hospital at concession rate , • They can avail advance as per the norms if any necessity arises. • All the faculty members were provided with group insurance facilities. • Institute is providing incentives for earning external funded projects. • It is also supporting faculty by providing registration fees, onduty, TA DA for attending the seminar / Workshop / FDP/Conference. • Once in a year pre medical checkup for faculty. • Providing meritorious awards. • Providing infrastructural facilities for doing research and consultancy. • They are all enrolled under Provident Fund Provision. • The college is facilitating the faculty members to avail loan from Provident Fund. • The college is providing R.O water supply in all the departments. • Once in a Year the college is sponsoring for Tours to faculty members in all the department to rejuvenate their energy. • Every year during Sports Day celebrations, separate events were conducted for faculty members both for men and women. • YOGA and Meditation classes are conducted to enrich their mental and physical health.

8.00am to 8.00pm. • Non-teaching staff can avail concession for their children in the school run by the management. • They can avail advance on need basis from the administrative office. • They are also attending YOGA and meditation classes. • They can borrow books from Library to enrich their knowledge.

insurance facilities. • The college is providing R.O water supply in all the departments. • YOGA and Meditation classes are conducted to enrich their mental and physical health. • Students utilized for working days of Library working hours 8.00am to 8.00pm and holidays working hours 9.00am to 5.00pm. • Financial assistance is provided to the meritorious students through KSR help fund

6.4 – Financial Management and Resource Mobilization

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

The Institution has appointed statutory external auditors M/s.T.V.Venkatraman and Associates, who regularly audit the accounts of the Institution for the

past several years. Besides there is one Internal Auditor, who review weekly the state of the accounts and major expenditures with the Administrative officer, thereby having checks and balances in place The external auditors audit the accounts of the Institution in December and April every year – in December The external auditors audit the accounts of the Institution in December and April every year – in December.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Individuals	286715	Travelling Allowance for visiting foreign University

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6.4.3 – Total corpus fund generated

6000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	AICTE, NBA, NAAC, AU	Yes	Internal Committee
Administrative	Yes	AICTE, NBA, NAAC, AU	Yes	Internal Committee

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

• Parents take interest in the affairs of the institute through the Parent-Teacher Association. • During the parents meeting the various initiatives taken by college are discussed in common forum • Parents as one of the stakeholders play a vital role in various committees. • Feedback is obtained from parents on Teaching-Learning Process, Students Performance Outcome based Education etc. which provide necessary ideas and suggestions for the improvement of the system. • Parents are invited for a departmental level meeting to know more about their expectations and suitable actions are taken based on those inputs.

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

• The support staffs are provided opportunity to upgrade their skill sets by attending workshops. • Trouble shooting, system maintenance training given to supporting staffs. • Training on First-Aid and Fire Fighting Equipments • In-house Staff Development Programmes • Programmes to improve the communication skills

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

• Alumni association has been registered and activities are planned. • internship is mandatory for students and systematic evaluation is introduced in the regulation. • Formation of department IQAC committee • HR conclave has been organized to improve the employability of the students. • Periodic academic and administrative audits are planned by external members.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	**Yes**
b)Participation in NIRF	**Yes**
c)ISO certification	**Yes**
d)NBA or any other quality audit	**Yes**

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women's Day Celebrations	**12/03/2019**	**12/03/2019**	**550**	**36**
Police Awareness Programme on Kavalan SOS	**10/01/2019**	**10/01/2019**	**140**	**10**
Breast Cancer Awareness Programme	**30/10/2018**	**30/10/2018**	**90**	**0**
Awareness Programme on Gender Bias	**24/07/2019**	**24/07/2019**	**360**	**0**
Special competitions for girl students	**04/02/2019**	**07/03/2019**	**250**	**0**
Women Self Help Group organized for 3 days Exhibition Cum Sale	**02/01/2019**	**04/01/2019**	**3500**	**1400**

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

Percentage of power requirement of the University met by the renewable energy sources
Percentage of annual power requirement - 62.5 Power requirement met by renewable energy sources - 500 KW(PEAK) Total power requirement - 800 KW Renewable energy source - Solar Panel Renewable energy generated and used - 500 KW

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	No	0
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0
Rest Rooms	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	1	30/10/2018	1	Breast Cancer Awareness Programme	Cancer Awareness	90
2019	1	0	15/03/2019	1	Blood Donation Camp	Blood Donation	600
2018	1	0	21/07/2018	1	Blood Donation Camp	Blood Donation	800
2019	0	1	26/03/2019	1	Election Awareness Rally	Election Awareness	200
2018	0	1	10/10/2018	1	Green Compass – Awareness program	Rain Water Harvesting worksho	128
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Honour Code	18/06/2018	All students are expected to be on time to the college and present for the first hour class sharply by 9.00 am. Students are instructed to come to College, wearing decent and clean clothes along with their ID cards. Strict silence should be observed in the

Lab and Library. Students have to be very attentive while using the systems, Printers, Furniture's etc. Constructive use of the available facilities is vital. All the required Text Books and note books should be brought to the Class with out fail. This is to ensure that all students come to the class with all provision provided to them. Leave application furnishing all the requisite information should be given in advance. Strict action will be taken against those who are indulging directly or indirectly in Ragging, whatever may be its form on formal or informal information. Use of mobile phones, Radio and Tape recorders are strictly prohibited.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Leader	08/02/2019	08/02/2019	60
Youth CAN	08/02/2019	08/02/2019	120
International Yoga Day	21/06/2018	21/06/2018	100
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Response: • Public mass transportation system is being adopted by connecting through College buses in all directions. This facility is made available to all urban and rural areas by covering a radius of 60 kms. • Pedestrian friendly roads are existing of bituminous kind with a lane width of 1.5m. • The institute is a plastic free campus by implementing the government policies and regulations and motivating to utilize eco friendly bags and materials. • The institute is well supported to use paperless administrative work by the usage of KSRCT automation centre as well as the concept of digitalizing system. • Campus bears pluck cards and positive vibes to maintain an eco-friendly surrounding devoid of litters and dumped waste materials. • The institute poses 12156 sq m of green based health trees and scrubs to provide sustainable livelihood and is irrigated with sprinkler system by the utilization of treated waste water. • The inmates of the institution are contributing to use waste material for the reuse such as bio fuel, biogas, bio fertilizer, and composites blocks. • The institute is involved in utilization of garden waste and coconut coir's for the innovative production of organic mushroom and bio compost. • From Dairy farming, the excretory wastes are used for production of manure and bio gas which in turn used as green fertilizer for plant.

7.2 – Best Practices
7.2.1 – Describe at least two institutional best practices

Best Practices – I - Campusrunn – Placement Tracking System In the digitalized world of information and for the effective paperless data handling, a web application becomes handy for the Institution. Campusrunn is a total management and information system, which helps • To provide the up-to date information of all the students in the College. • To overcome the difficulty in keeping records of hundreds and thousands of students and searching for a student eligible for recruitment criteria from the whole thing. • To utilize the hardware and the software resources effectively and timely. The Context Placement is the word that links between academic institutions and corporate world and plays a vital role in showcasing an institutions pride and reputation. In this regard, students are the main stake holders of this process. Each institution maintains the students' record in the database. These databases have all the information of each and every student. Before recruitment process, database of eligible students is culled out based on the eligibility criteria of corporates concerned. In the post recruitment process, the databases of placed students are secularly maintained as a repository for future reference and utility. In addition, colleges analyze the pros and cons of particular drive so that in future they want to improve the training strategy. The core objective of Campusrunn software is that it provides all the facilities to access students' information, company eligible criteria details, sending relevant information to coordinators and students regarding campus drive and complete maintenance detailed information of placed students. Campusrunn offers efficient and effective way of storing and retrieving students' information at any time and also get a detailed analysis report of all the campus recruitment. The Practice Campusrunn consists of three different sections namely, Admin, Coordinators and Students. In the Admin Section, the students' information of the institutions are controlled, managed and updated in a customized manner. The Admin is the Single Point of Contact (SPoC) between the academia and the corporate. The Admin directly contacts with all the corporate governance. Once corporate HR confirms the date of recruitment, interview rounds and eligibility criteria of the recruitment process, the Admin generates the eligible students' database and mails to all department placement coordinators, Head of the Departments and students as well. In addition, the admin sends company profile, rounds of interview and topics to be prepared through the job post. During recruitment process, he will update the attendance, rounds wise details in the software and also view the placed students at the end for round-wise updating. Finally, He will download the list of students placed. In Coordinators Section, respective coordinators will receive the detailed mail from the Admin via job post and they can view the eligible students list, company profile and interview rounds. Coordinators can update their students SEM CGPA regularly. In Students' Section, the eligible candidates can have their individual logins. They can check and update their own information in the initial phase after that they cannot edit their information except résumé and photos. They can view the company details via job post. They can view their own round-wise status in the recruitment processes. In addition, training details such as aptitude, verbal and technical marks are uploaded, and performance analysis can be taken for their future improvement. Evidence of Success Campusrunn is an indigenously developed web application by our faculty, and duly copyrighted by Government of India. It eases the placement process with paperless management of information. The skill sets of students can be tracked instantaneous. Company wise round details can be easily tracked for prospective grooming of students. Round-wise details of the individual candidates can be viewed by the students concerned/coordinators/Heads. https://ct.ksrei.org Problems Encountered and Resources Required Campusrunn can track only the single job roles of the

company concerned and tracking multi-job roles in single company is difficult. The resource required is the company with various job roles can incorporated into the application for easy tracking of job roles. Best Practices - II - Programming Skill Development System (PSDS) 1. To inculcate the logical thinking and improve the programming skills. 2. To identify the logic used by the students based on Test Cases. 3. 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. 4. To permit the students to edit, view, retrieve and debug their codes at any time. 5. To equip students to be self-reliant in programming and code testing process. 6. To upload the learning materials relevant to the topic to be accessed and post questions as per the schedule for subjects: Fundamentals of programming, Data Structures, Object Oriented Programming, Java, Python and DBMS. 7. The students' progress can be monitored for better coding efficiency in terms of • Test cases passed • Logic used • Time taken • Compilation count • Space used 8. To administer online examinations and give online suggestions clues to solve the problems. 9. To facilitate system evaluation and verification by faculty for programming efficiency and effectiveness. 10. To generate customized reports: student-wise, mark-wise, batch-wise and program-wise. The Context In the prevailing scenario of the demands of companies on new and emerging coding skills at a fast pace, it is imperative to consistently inculcate the students particularly aspiring for product and service based companies. With a view to equip and enrich the students to acquire the professional competency, PSDS facilitates the students to code and compile programs diligently. The Practice The programming skills imparted in the academia have created a gap for the students to fit well and adapt to the corporate needs. This gap is reduced by the hands on training and practice on a coding platform like PSDS.Programming Skill Development System (PSDS) is a web IDE that gives more efficient and effective programming skills and improvising the logical thinking ability for students. Programming skills of the students are tested and evaluated on PSDS as a part of curriculum right from first year. Also students who are contesting in coding contests like Smart Hackathon find PSDS more reliable and learner friendly in developing their projects. In PSDS, the students can script codes and statements in any programming languages like C, C, Java, Python, PHP, Perl, SQL, HTML, JavaScript, JQuery and so forth for solving a particular problem. This method of flexibility and self thought seasons the coding efficiency of the students. Both laboratory and theory courses of programming skills are conducted in PSDS platform. Evidence of Success This platform provides the learners and coders with • Coding Ability • Code Standards • Problem Solving Skills • Logical Thinking • Full stack developing PSDS is an indigenously developed by our faculty on par with the test engines like Hackerrank, Hackerearth, Mettla and Codechef. PSDS have facilitated students to perform well in the recruitments of many product based companies like ZOHO, IVTL, VURAM Technologies, etc. Also, students aspiring to reputed companies likeWipro, CTS, TCS,Capgemini etc. PSDS is also used for CoE models like Aspire Systems and Virtusa. https://ksrctdigipro.in/temp/digipro.mp4 Problems encountered and resources required Students can practice on PSDS platform in any computer lab within the campus through intranet. Also, they can script codes in PSDS in internet using their own laptops and mobile phones. This helps the students to practice their coding skills even beyond college hours.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.ksrct.ac.in/admin/file_manager/source/KSRCT_Best%20Practices_Teaching_Learning.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and

thrust in not more than 500 words

Digital Assisted Language Learning System (DALLS) DALLS is developed to rectify the above-stated problem. DALLS comprises of Capsules each with 6 activities based learning tasks namely, Video Comprehension, Listening Comprehension, Reading Comprehension, Word Power Task, Writing Task and Oral Presentations. DALLS is a system of self-learning in a controlled laboratory activity and the capsule activities are rolled out to the students in the form online quizzes and activities. DALLS works on the KSRCT MOODLE Platform. The students are enrolled into the MOODLE with individual logins. Thus, DALLS incorporates the Activity Based Learning (ABL) into the learning system. The Video Comprehension task facilitates the learner to watch a brief video for 3-5 minutes and then answer the quizzes that follows. Similarly, in the Listening task, the learners can listen to the audio content briefly and can answer the quizzes that follow. The Reading Comprehension task allows the learner to navigate to the comprehension passage pages with MCQs. The quizzes in the above tasks are inclusive of MCQs, MSQs, short answers, fill-ups and Vocabulary Check. As far the Word Power task is concerned, the learner can answer the MCQs on verbal ability. In the Writing Task, learners are required to text in essays, paragraphs, Emails, Data Interpretation and story narration contents as specified by the course coordinators. The learners are motivated to perform oral presentations such as prepared talk, impromptu speech, Extempore, Just a Minute, Story Narration, Loud Reading, Group Discussion and Self-Introduction. The performance in the task driven capsules are taken for the internal mark calculations and the learners have to appear for the End Semester Examination as a theory subject. The mode of conduct of this exam is on Laboratory course Evidence of Success A discernible improvement is observed among the learners who are using this ABL method. This system of learning is not pivoted to the short-term learning but DALLS certainly supplements the learning habits of students and reinforces the practices of learners in honing their communication Skills in the long run. DALLS has boosted the confidence and participatory skill of the students and a considerable level of improvement in the oral presentations. This system of learning is in good practice when compared to the earlier theory course. With the help of DALLS, the number of students has increased in: • Technical Paper Presentation in conferences, • Oratorical Contests such as Youth talk and Teen Talk, • Content writer in company projects • Group discussion and HR in the placement process. Problems encountered and resources required DALLS on MOODLE platform manages better the users in group and the performance analysis can be made individually. The questions cannot posted individually but only for the entire class. As the practice is carried in a LAN enabled laboratory environment, the rolling out of capsules in World Wide Web is also enabled for the learners beyond class hours to enrich their language through effective practice.

Provide the weblink of the institution
https://ksrctdigipro.in/temp/dalls.mp4

8.Future Plans of Actions for Next Academic Year

• NEW PROGRAMMES: The institute has planned to start two UG programmes relevant to the future industry needs • CENTRAL INSTRUMENTATION FACILITY: Institute has planned to establish central instrumentation facility with all the latest and hi-tech equipment to fulfill the requirement of nearby industries in respect of testing, calibration, consultancy, research, and it is also a significant contribution to the technology needs of the nation. • CAMPUS PLACEMENT: Institute is striving hard to improve in campus placement by providing various types of soft skill and other technical training to students starting from the first year onwards. Institute has planned to get accredited by some of the reputed industries so that there will be regular campus placement drives from these

companies. In addition, it is planned to establish entrepreneurship development cell to inculcate the entrepreneurial skills among the student community. • ALUMNI: Strengthening the involvement of alumni in all aspects of the Institutes development—interacting with students, mentoring incubates, contributing resources towards enhancing the facilities and quality of education, collaborating with faculty members in research and development. • RANKING: To improve ranking position in NIRF, AICTE - CII SURVEY and All programmes accredited by NBA. • INCUBATION CENTRE: To strengthen innovation Eco system through Angel funding and Venture capital and creating 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. • FACILITY MANAGEMENT SYSTEM: Provide a fascinating work environment for faculty and staff, where merit and hard work are recognized and rewarded.