YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	K.S.R. COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. P. SENTHILKUMAR
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04288 274213
• Alternate phone No.	04288 274741
• Mobile No. (Principal)	99945 95475
• Registered e-mail ID (Principal)	principal@ksrce.ac.in
• Address	K.S.R. KALVI NAGAR
• City/Town	TIRUCHENGODE
• State/UT	TAMIL NADU
• Pin Code	637 215
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	10/03/2012
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. R.V.M. RANGARAJAN**
• Phone No.	**98655 41428**
• Mobile No:	**98655 41428**
• IQAC e-mail ID	**rangarajan.rvm@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.ksrce.ac.in/admin/file_manager/source/IQAC/AQAR%2019-20%20REPORT.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://ksrce.ac.in/index.php/page?id=479&item=427

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.09**	**2017**	**09/06/2017**	**08/06/2022**

6.Date of Establishment of IQAC	**10/10/2016**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**nil**	**nil**	**Nil**	**0**

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	**2**
• Were the minutes of IQAC meeting(s) and	**Yes**

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

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

Contribution towards Extension activities of Autonomous Status and NBA Accreditation Processes.

Timely submission of AQAR to NAAC.

Institutional Policies, Strategic Planing and Academic Standards.

Participation of NIRF and NEP 2020 Implementation activities

Periodical Academic and Administrative Audits.

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

Plan of Action	Achievements/Outcomes
To conduct Academic Audit.	The Academic audit is being conducted periodically.
To establish the Memorandum of Understanding.	Five departments (Civil,CSE,EEE,IT & SFE) has been signed nine MoU's with Industries to build Industry Instituted Partnership.
To excel in Publications and Patents.	College h-index - 27, no.of publication in Refereed Journals - 67 and Patents filed - 5.s
To Promote quality education through Outcome Based Education (OBE) System.	It has been attained and achieved the OBE system in our Institution.
To improve Placements the various training initiatives planned.	Conducted Technical Training,Aptitude Training and soft skills by the external vendors and trainees.

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	17/12/2021

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
31/01/2020	31/01/2020

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	B.E - 9, M.E.- 7, M.C.A -1, M.B.A.-1 (Total No. of Programmes :18)

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.Student

2.1 Total number of students during the year:	2488 (U.G - 1843, P.G.- 645)

File Description	Documents
Institutional data in Prescribed format	No File Uploaded

2.2 Number of outgoing / final year students during the year:	700 (U.G.- 545, P.G.-155)

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	2042 (U.G.- 1770, P.G. - 272)

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.Academic

3.1 Number of courses in all programmes during the year:	476

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2 Number of full-time teachers during the year:	215

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.3 Number of sanctioned posts for the year:	**10**
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**17**
4.2 Total number of Classrooms and Seminar halls	**No. of Class rooms :82 ; No. of Seminar Halls : 9**
4.3 Total number of computers on campus for academic purposes	**1420**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**233.23**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institution takes care of social needs in the curriculum development. The following subjects are included in the curriculum to improve the life style of the society.

- **Environmental Science and Engineering.**
- **Environmental Engineering Laboratory.**
- **Professional Ethics.**
- **Principals of Management.**
- **Engineering Economics and Finance.**
- **The guidelines given by the Regulatory bodies, Affiliating University, AICTE and UGC on some special subjects like**

Environmental Science, Engineering Economics and Finance, Total Quality Management and Professional Ethics are strictly followed.

- Internal tests, assignments, technical presentations, projects are conducted to review the outcomes of the syllabus. It is then systematically documented to ensure the outcomes of the curriculum. Remedial actions are taken in case of any lapse or curriculum-gap in the system those are formulated by the regulatory bodies.

- The institution has well balanced core and elective courses in each program. Each Program is designed keeping in view of fast changing technologies, industry requirement, smooth progression to higher studies and the requirement of statutory bodies. Each program has mandatory core courses and selected elective courses. Electives are chosen based on the students' interest, industry requirements and employability.

- Core courses are carefully designed as per programme objectives as well as the mission of the department and institution. It ensures that it fulfills the market demand based requirement.Based on the feedback from students, alumni, employer and industries, the issues are discussed in BOS and changes are made as per the need. Curriculum is revised once in 2 years (regulations) and also reviewed periodically (twice in a year) based on the needs of the stakeholders. This process is done as per the guidelines laid by the Affiliating University, AICTE and UGC.

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

189

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

62

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

10

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 institution takes care of social needs in the curriculum development. The following subjects are included in the curriculum to improve the life style of the society. • Environmental Science and Engineering. • Environmental Engineering Laboratory. • Professional Ethics. • Principals of Management. • Engineering Economics and Finance.As well as, the guidelines given by the Regulatory bodies, Affiliating University, AICTE and UGC on some special subjects like Environmental Science, Engineering Economics and Finance, Total Quality Management and Professional Ethics are strictly followed.

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

10

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

342

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

665

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	**Nil**
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   **D. Feedback collected**

File Description	Documents
Provide URL for stakeholders' feedback report	**Nil**
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

489

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)

489

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

2.2 - Catering to Student Diversity

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

The students admitted in our college are coming from various economic sections and communities of the society. The college is very much aware about their overall growth and social upliftment in the society.

The college has a fair system for admission process. The students are admitted in theinstitution without considering caste, creed,gender, religion, social and economic status. After the completion of admission process regular classes commence as per the academic schedule.

The institution always favour in girl students for enrolment in college in order to equip them with the higher education so that they can become empowered at themselves to face the future competition and to create their own entity. After admissions college adopts a process to identify slow and advance learners among students.

Advanced learners and slow learners are identified on as per their responses in the class room as well as the performance in the cycletest, internal examinations. After knowing slow and advanced learners, the faculties prepare separate list of slow and advance learners and conduct extra lectures for weaker students.

The facultyobserve that whether the student are easily understanding

the lesson. If they fail to understand the topic or teaching of a faculty, the same was having been explained again in a easy way. This is the informal way to complete the teaching-learning process and it is also convenient to both teacher and students.

Advanced learners are encouraged to ask their doubts freely and frequently with the faculties, in a formal way. Students are encouraged to refer advanced textbooks, and attend conferences, symposium for their advanced studies.

They are also encouraged to apply for different competitive examinations. They are motivated to participate in seminar presentation, Poster presentation, quiz competition, debates,etc.

Following activities are done by faculties for students:

Slow learners:

1. Individual counselling.

2. Remedial Coaching

3. Extra notes.

4. Internal examination process.

5. Encouragement in NSS, Sports and academic activities.

6. Extra library books.

Advance learners:

1. Advance notes

2. Seminar sessions

3. Participative learning sessions i.e. Technical symposium

4. Experimental learning sessions i.e. Industrial Tour

5. Projects

6. Assessments

7. Internet facility

8. To enhance their confidence level, the college conducts various activities such as Cultural, NSS, and Sports to develop their overall personality.

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
01/07/2020	**2050**	**213**

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

2.3 - Teaching- Learning Process

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

K.S.R College of Engineeringprovides an effective platform for students to develop latest skills, knowledge, attitude and values to shape their behaviour in the correct manner.

All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning.

The institute organizes annual project expo, in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in inter college as well as national level competitions.

The institute focuses on the student-centric methods of enhancing lifelong learning skills of students.

Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. Experiential Learning: Each department conducts add-on programs

to support students in their experiential learning.

The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students –

? Laboratory Sessions are conducted with content beyond syllabus experiments.

? Summer Internship -Students can get hands on training while working in the company.

? Add-on Courses on latest technologies with NPTEL, MOODLE, Coursera etc.

? Project development on latest technologies by students where they showcase their working model in the technical symposium.

? Industrial Visits to engage them in experiential learning while visiting the organization.

? Certification Courses (Value Added Courses) by the market experts such as Microsoft/ Google/ etc. to develop their expertise.

? Participation in simulated events such as simulated stock exchanges or hackathons where they acquire experience of working on some real-life model.

2. Participatory Learning: In this type of learning, students participate in various activities such as seminar, group discussion, , projects, and the skill based add on courses.

Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as

? Project Expo- It is organized every year for engineering students where selected projects are displayed at the larger platform.

? Technical Symposium- This is organized every year by the students in which students from different colleges participate and learn from each other.

? Annual cultural program – This is organized every year for the students of the college to give a vent to their creativity.

? Regular Quizzes- Quizzes are organized for student participation

at intra or inter college level.

? Seminar Presentation - Students develop technical skills while presenting papers in seminars.

? Presentation and publishing of papers in conferences and journals - The objective is to give them exposure to learn new skills.

? MOOC Programs (NPTEL, COURSERA etc.)

3. Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills. For this, college organizes expert lectures on various topics, participate in various inter-college and intra-college technical symposium and other competitions such as:

? Regular Assignments based on problems

? Mini Project development

? Regular Quizzes

? Case studies Discussion

? Class presentations

? Debates

? Participation in Inter college events

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning.

College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of

education.

The following tools are used by the Institute ICT Tools:

1. Projectorsare available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- They are installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.

5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- The seminar halls are equipped with all digital facilities.

7. Smart class room- The Smart class rooms are installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.

9. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom

10. MOOC Platform (NPTEL, Coursera, etc)

11. Digital Library resources (DEL NET, etc)

Use of ICT by Faculty

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the

completion of each unit with the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://ksrce.ac.in/index.php/page?id=34&item=12
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

101

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

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

Preparation and Adherence of Academic Calendar:

The institution prepares the academic calendar every year in advance.Academic calendar provides the total effective working days available in a given semester.

Then the senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic inputs.

Preparation and Adherence of Teaching Plan:

The concern faculties prepare lesson plan for their respective

subjects of 60/45/30hours. These 60/45/30 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions.

The HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

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

213

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

68

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)

2107

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

53

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

8

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

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

Response:

- **The Autonomous College has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The reforms have also been enforced in the continuous internal**

assessments modes and factors. Examination procedure has been fully automated using In house IT software

- Positive impact of reforms on the examination procedures and processes including IT integration and nonstop internal assessment on the examination operation system
- The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system fool proof and address the grievances of students, if any.
- The institutional reforms in all the activities of the examination system are kept at par with the reforms strapped by the AICTE for various engineering disciplines.
- The drivers for reforms in examination system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE- frame work for assessment process, evaluation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design etc.

Examination Procedure and IT integration

- Adopting semester patterns of examination with continuous evaluation system for all the departments.
- Digital Evaluation systems has been successfully implemented for UG, PG and Ph.D examinations.
- Inclusion of seminar project, assignment, seminar presentation etc. as components of evaluation.
- Choice based credit system is in practice for the benefit of the students.
- Continuous Internal Assessment (CIA) includes three examinations (IAT1, IT2 & IAT3) in a semester for each course, periodical assignments/tests/quizzes etc. to keep the students meaningfully engaged with the subject content throughout the semester.

Reform(s)

Positive impact(s)

2 sets of question papers are maintained for each subject / course

Confidentiality in the question paper selection

Setting the question papers from all the units with internal choice and moderation of question papers.

- Maintain standards and coverage of syllabus among all the units.
- Students are required to study all the units in a given course.
- Improve the course outcome by implementing internal choice.

Preparation of detailed scheme of evaluation by internal subject / course experts

- Uniformity in the evaluation among the evaluators.
- Fair judgment for the students.

Appointment of squad consisting of senior faculty members of other reputed institutions and internal faculty to monitor the semester end examinations

Strict vigilance for smooth conduct of examinations

Establishment of Spot evaluation center

- Confidentiality and custody of answer booklets are ensured
- Declaration of results within the stipulated time

Establishment of CCTV Surveillance System

- Continuous monitoring of activities of examination section and spot evaluation process.
- Restricted entry and surveillance of the entry of un-authorized persons into the examination section

Encoding and decoding (dummy numbers) of answer booklets

Provides confidentiality and unbiased evaluation.

Automation of examination management system

- Improvement in reliability, efficiency, security, transparency, confidentiality and accuracy in the entire process.
- Software developed by the institute provides flexibility to incorporate autonomous curriculum requirements

Personal verification and revaluation system

Accountability of the evaluation process and improving the

transparency in the evaluation

Advance Supplementary examinations and timely publication of results & issuing necessary certificates in time.

Provides more scope to final year students for their placements and higher studies

Inclusion of security features in grade sheets as well as in answer booklets

Chances of manipulations are nullified.

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Vision, the Mission,the Program Educational Outcomes (PEOs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publishedthrough

- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class advisors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the course outcomes.

Program specific outcomes (PSOs) are the specific skill requirements and accomplishments to be fulfilled by the students at micro level and by the end of the program. The programme co-ordinators prepare the PSOs, usually two to four in number, in consultation with course coordinators. The BOS, including Head of the Department and subject experts, of the individual departments will discuss the same and approve it after endorsement by the Principal.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. The Module coordinator will verify it. Finally, they are discussed in the concerned department's BOS meeting course-wise and approved.

The POs/PSOs of the programme are published through electronic media at individual Department site located on the college website http://www.ksrce.ac.in/. The COs of the courses are also published through electronic media at the Department site located on the college website: http://www.ksrce.ac.in/. In all the interactions with the students, awareness on POs, PSOs and COs is consciously promoted.

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	http://www.ksrce.ac.in/index.php/page?id=144&item=120

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

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved.

The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program coordinator in consultation with other faculty members.

CO Attainment

Assessment methods include direct and indirect methods. The process of course outcome assessment by direct method is based on internal assessments, end semesterexamination and quiz. Each question in internal assessment/ end semester /assignment/quiz is tagged to the corresponding CO and the overall attainment of that CO is based on average mark set as target for final attainment.

1. Internal Assessment Testare conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment.
2. Semester End Examinationis descriptive, and a metric for assessing whether all the COs are attained.

The indirect assessment is done through the course end survey.

Rubrics

Rubrics are formulated for the assessment of Laboratory, Mini Project, Major Project, Seminar and Internship courses. The

attainment of Course Outcomes of all courses with respect to set attainment levels are given under.

% of CO attainment >=70% >=60% &< 70% >=50% &< 60% <50% CO attainment level 3 2 1 0

The attainment of each CO is computed by setting the class average mark as the target. The COs of each course are mapped to POs & PSOs with weightages of 3 (Strong), 2 (Medium) and 1 (Weak).

Assessment of Course outcomes of Lab courses

The course outcomes of a practical course should satisfy at least any one or more of the defined program outcomes. These describe what students are able to demonstrate in terms of knowledge, skills, and values upon completion of the said course. Percentage of students who score more than 80% marks in each measured criterion is taken for calculating CO attainment.

Attainment of Program Outcomes and Program Specific Outcomes

All the courses which contribute to the PO are identified and these courses are evaluated through the Course Outcomes using direct (Internal (20% weightage) and External exam (80% weightage) and indirect (Course end survey) assessments. The overall results from the assessments of the PO are compared with the expected attainment. The PO is considered satisfied on attainment of the expected level.

For each course, the level of attainment of each CO is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, then faculty suggest for improvement to attain the same.

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

710

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	<u>https://ksrce.ac.in/index.php/page?id=536&item=478</u>

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

<u>https://www.ksrce.ac.in/admin/file_manager/source/Cells/Survey%20report.pdf</u>

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

RESEARCH PROMOTION POLICY MANUAL

Objective: To promote research activities of the K.S.R. College of Engineering.

Research promotion policy:

? All the faculty members are encouraged to do research.

? Faculty members are encouraged to apply for seed money from funding agencies or industries relevant to their field of interest.

? The management will consider seed money for the research projects, if the proof of concept is established by the faculty.

? Faculty members shall be permitted to attended conference/workshop relevant to their field of research in India or Abroad with on duty leave. Registration fee shall be reimbursed.

? Partial financial support only be considered for the faculty members invited for keynote speaker/plenary lecture in conference/seminar, etc. if financial support is not provided by the organizers or any other funding agencies.

? Faculty members shall apply for travel grant to the funding agencies.

? An increment of Rs. 10,000/- per month for Engineering and Rs. 6,000/- per month for Science and Humanities may be provided by institute for the faculty members completing Ph.D. degree provided they have two publications in the impact factor journals/SCI/Web of Science/ Scopus.

? The suitable incentives will be granted by the Vice-Chairman / Principal for the faculty members who received research grants from various funding agencies.

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://ksrce.ac.in/index.php/page?id=454&item=361
Any additional information	[View File](#)

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)

3.118 lakhs

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

3

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)

18.34 LAKHS

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

4

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

27

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
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.

The institution has well established IPR cell in our campus. In fact all the faculty members are requested to involve IPR Activates such as publications research articles in reputed journals such as SCI and scobus journals and applying patents for the innovative work through the various kinds of projects details of IPR 2021 attached here

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

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

17

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

16

File Description	Documents
URL to the research page on HEI website	www.ksrce.ac.in
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

114

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

1

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

153

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

59

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)

2.34255 lakhs

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

nil

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

In our institution we are educated our students to take part in neighbourhood social issues which is not only benefits to the common people but also it is a great learning environment to our students. During pandemic period our students gave full awareness about covid-19 among public in persistent manner. To promote green environment in our neighbourhood our students involved in tree plantation too. Besides we support the people by giving food mask and sanitizer when they need. Infect our students acted as volunteer in election duty among neighbourhood society.

Our students get involved in swachh bharath mission activity to ensure the clean environment by managing the discared plastics in better way. The details of our social connectivity is also attached here for your kind perusal

File Description	Documents
Upload any additional information	<u>View File</u>
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

3

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)

15

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

1055

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

228

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)

6

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has adequate physical and academic facilities required as per AICTE & Anna University guidelines to run the different programs. The college is well-equipped with physical and technology-enabled infrastructure that supports to run smoothly both academic programmes and administration related activities. The Classrooms, Laboratories, Seminar Halls are well equipped along with computing system,LCD projector and Internet facility. Totally 81 classrooms & Tutorial Halls are available. The Thirteen Seminar Halls equipped with ICT facilities and Air Conditioners. Every department of the college is equipped with individual faculty cabin and basic amenities like intercom, internet and computing facilities.

The institute has canteen,Indoor stadium with gymnasium, Playground with track facilities, modern swimming pool and open air auditorium with 8000 capacity.and closed auditorium of 1200 seating capacity

At the beginning of the academic year, assessment is needed for replacement / up-gradation / addition of the existing infrastructure is carried out based on students intake,The Head of the departments,after reviewing course requirements,computer-student ratio, budget constraints, working condition of the existing equipment and also students' grievances are to be verified and updated. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities / extra – curricular activities, parent teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences etc.

Creation of Physical Ambience:

- Laying of tar with bitumen roads, connecting all the academic and hostel blocks
- Paver block have been laid on the adjacent side of the building.
- Cool shade coconut trees to provide greenish atmosphere.
- Tree-cover to provide green-atmosphere.
- Grass landscaping

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.)

It has adequate facilities for sports, games and cultural activities. KSRCE has large playgroundwith provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho. Another field provides Lawn Tennis courts. Indoor and outdoor badminton courts and gymnasium are available.

Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carrom, table tennis and chess, gymnasium and cultural activities also exist in the Girls and Boys Hostels.

Qualified Physical Directors are been appointed to take care of day-to-day games and sports activities of the college.

College teams are formed to take part in state level and University level competitions and other intercollegiate competitions.

We have seperateYoga Class room where students and faculty members do meditate and even practice yoga.

Students are very much encouraged to participate in the cultural events in inter and intra college technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents.

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

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

No.of Class Room: 84 No.of Seminar Halls:13

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

83.04

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)

Name of the ILMS Software

Nature of automation (Fully or partially)

Version

Year of Automation

Libman 1.1 (Own Software)

Fully Automated

1.1

2001

The Central library have fully automated through Libman 1.1 (Own Software) for smart card entry,

barcode scanning and check – in, searching for titles, issues and check –outs.

Facilities:

1. **E Gate Smartcard and Barcode Reader**
2. **e Circulation**
3. **OPAC Facility**
4. **Periodical search**
5. **Reservation Facility**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ksrce.ac.in/index.php/page?id=34&item=12

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	View File

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

13.55354

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

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

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

453

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

4.3 - IT Infrastructure

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

The Information Technology Policy Document is prepared to make all faculty members, students and research scholars of K.S.R College of Engineering aware of rules and regulations that govern their appropriate use of Information technology and infrastructure established by the institute. The policy is effective from July, 2013. It is expected that said members strictly adhere to the rules and regulations spelled out in this document. The Management reserves the right to change/modify the policy as and when necessary and apply their discretion in specific cases.

To maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the K. S. R. College of Engineering (KSRCE).To outline the broad framework of IT infrastructure that needs to be made available for students and employees of the institution for effective realization of the objectives of the institution while also ensuring sufficient controls and safeguards to prevent misuse and inappropriate usage.

Broad IT Infrastructure available for the benefit of students:

- Internet bandwidth available 160Mbps
- More than 1000+ desktops available in Labs, Digital Library, Staff Rooms and so on.
- Firewall at the entry point to enforce security policies in terms of internet access

Objectives: It should always stay on top of the curve in terms of modem state of the art ITinfrastructure for the benefit ofstudents and staff alike.

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
2488	1420

File Description	Documents
Upload any additional information	No File Uploaded

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

B. Any three of the above

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

188.27

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	**No File Uploaded**

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.

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in-house staff on daily basis and periodically. And care has been taken to keep the equipments, machine etc in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping.

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

1092

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

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

544

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://ksrce.ac.in/index.php/page?id=23&item=66
Details of capability development and schemes	View File
Any additional information	**No File Uploaded**

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

350

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

5.2 - Student Progression

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

306

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

11

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

16

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

5.3 - Student Participation and Activities

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

6

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

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

We at K.S.R. College of Engineering are firm believer that Overall development of students is achievable only when we give student a stage to express themselves in their areas of attention other than academic front.

We have run various societies and clubs managed by Student's coordinator and overall coordination is done by respective faculty incharge.

Various Societies are namely:

- Board of Studies Member
- SAE Club
- ISHAE student chapter
- ISTE Chapter
- IEEE Chapter
- IIT PALS Chapter
- Indian Concrete Institute (ICI)
- Department Association of Each department
- Music Club,
- Science Club
- NSS
- NCC
- Tamil Mandram
- English Literature Club

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

1

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

We have presently 400 and plus Alumni enrolled in KSRCE Alumni Association from Automobile, Civil, Computer Science and Engineering, Electronics and Communication, Electrical and Electronics, Information Technology and Mechanical Engineering courses. We conduct yearly once Alumni get together. Generally, Alumni Meet is organised once a year. Our present batch of students and faculty come together to organises a enormous welcome and interface session for KSRCE Alumni's. As a part of welcome ceremony different societies of KSRCE present their programmes in the form of drama, dance, conversation and represent how new students have taken up the accountability to become the face of KSRCE. After the welcome ceremony, college management and director interact with Alumni. Followed by some of the Alumni share their success stories and talk about the method required to take KSRCE to greater heights. All faculty members take part in the gathering to be glad about the growth and achievement of their students in the 21st century world and feel proud of the various positions achieved by their students in presumed organisations.

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   E. <2 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

Our governance body is so reflective and the main focus is on the vision and mission of the Institute.

Vision

We envision to achieve status as an excellent educational

institution in the global knowledge hub, making self-learners, experts, ethical and responsible engineers, technologies, scientists, managers, administrators, and entrepreneurs who will significantly contribute to research and environment-friendly sustainable growth of the nation and the world.

Mission

- To inculcate in the students' self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, entrepreneurs, and administrators by diligently imparting the best of education, nurturing environmental and social needs.

- To foster and maintain a mutually beneficial partnership with global industries and Institutions through knowledge sharing, collaborative research, and innovation.

The following strategic characteristics and aspirations enable the College to realize its vision:

- Modern and precise educational knowledges that develop the engineers
- An atmosphere that facilitates personal commitment to the educational achievement of students in an surroundings that values multiplicity and society
- Highly successful alumni who contribute to the profession in the global society
- Undergraduate and Postgraduate programs that assimilate global awareness, communication skills and team building across the curriculum
- Practical and responsible resource management
- Training that practice, students in interdisciplinary engineering research and advanced problem solving
- Leadership and service to meet societal needs.

Governing body designs and executes Short-term, Long-term plans integrating departmental plans, findings of SWOT analysis. Every year this process is conducted in the institution Formulation of action plans and defining the policy objectives attempts to address the issues of systematic change to provide quality education. Creating robust principles, frameworks, systems and processes the institution intends to reinforce the culture of excellence. All the systems work together as a team aiming to be champions of organizational change. The Department fosters a healthy competitive atmosphere among themselves and each one strives to accomplish

excellence in their standards.

Faculties discharge an important role in implementing the vision and mission of the college and to that end play a proactive part in the decision-making process. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units.

Besides, Faculties are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Some of these committees are the Academic Council, the Examination Committee, the Admission Committee, planning and Evaluation committee, the Finance committee, the Library Committee, etc.

Faculty members are involved in the institution level and department level activities. Students are participating in the intra and inter departmental, and College level activities such as teaching-learning, organizing functions, industrial visits, in-plant training, Clubs and welfare activities. Alumni members are participating in the Board of Studies, Result Passing Board Meeting, Placement Training to the students and deliver Guest lecturers to share their expertise.

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

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

The College follows the policy of decentralization. The Governing Body delegates all the academic and non-academic decisions based on policy to the college Committee headed by the Principal. The college Committee formulates common working procedures and entrusts the implementation through departments. The department coordinator manages the day to day activities of the department and keeps a track of co-curricular and extra-curricular activities in the College. Other units of the college like sports, arts, library, etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various

departments in the decision-taking process.

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

The powers of decision making is delegated to Head of the institution i.e. The Principal by which the key areas like Institution administration, University compliances, Institution Strategies and Policies, Financial Matters, Research & Development, Government & Social interface and other proceedings in the office are executed for smooth functioning of the institute.

To facilitate and sustain the competence to implement the above areas of actions, dedicated specialized administrative committees are formed. They are Academic Review Committee, Examination Cell, Training & Placement Cell, Disciplinary Committee, Grievance and Redressal Committee, Women Protection Cell, and Cultural Committee.

The Institute has a set of well defined policies of Governance that have been framed in close consultation with the stake holders.

- **These policies are communicated to faculty members at regular intervals.**
- **Students are briefed about these policies during the orientation in the beginning. Thereafter, faculty members remind the students from time to time regarding the importance of adhering to these policies.**
- **There are policies pertaining to faculty members conduct, employment process. Joining and separation policies, maternity benefit policy, leave policy, internet Policy and Performance Management standards.**
- **The Disciplinary Committee framed the policy regarding the anti-ragging to make the campus Ragging free zone.**
- **The Academic Committee prepared the policy regarding the academics of the Institution in line with the Industrial**

needs.

- Examination Cell has framed policy for valuation, paper setting, and proper conduction of exams, Malpractices, and results.
- Library Committee has framed the policy which would ensure the Institutional Library has all prescribed books relating to all functional areas.
- Training and Placement Cell has developed well thought out policy to make all students undergo training in soft skills and domain areas to get them placed in well reputed MNCs.

Decentralization of Power

- All faculty members are given certain administrative responsibilities.
- The delegation of responsibilities leads to transparency, faculty development and faculty enrichment.
- The institute follows delegation, decentralization and empowerment policies while entrusting the responsibilities to faculty and staff.
- In view of above, the institute plans and declares various academic committees covering both faculty and administrative staff.
- The collective decision making is encouraged at all levels.
- Decisions taken by different committees are planned d at the level of Principal's office
- In most cases, the decisions are taken with collective wisdom.

Committees

- In addition to teaching, the faculty members are involved in Research, Training, Administration of academic matters and consultancy.
- The faculty members through various committees in coordination with fellow faculty fraternity carry out different academic activities.
- The faculty members are involved in multiple activities including teaching, research,training, admissions, administration and Industrial consultancy.
- They are mainly responsible for designing course curriculum, revision, proposal and introduction of new courses, delivery of program, and continuous assessment.
- The different academic activities are carried out by the faculty members through various committees in close co-ordination with the students.

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.

Patron is the Chairman of the Governing Body. The Governing Body is responsible for Policy making and to verifying the reports through the Secretary & Correspondent. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, Anti-ragging Cell etc., as per the university/ government guidelines are also included in the organizational structure of the institution. A committee comprising of faculty members and administrative staff are involved in the planning and implementation, academic audit and evaluation. There are different bodies that give academic and administrative leadership to the institution. An optimum level of decentralization through the autonomous departmental system and participative decision making process are in practice.

Service Rules:

The College Functions from Monday to Saturday every week except 2nd & 4th Saturday. The College working hours is from 9.00 AM to 4.05 PM for Faculty and Staff members.

The service rules are framed to ensure effective utilization of human resources for improvement of academic and overall performance of institution.

- **The appointment order is issued based on the undertaking letter given by the faculty by stating their willingness to work in the institution for a minimum period of one year. After that the faculty treated as Regular faculty.**
- **Based on the experience and qualifications, the monthly salary will be paid as per AICTE Norms. Suitable dearness allowance (DA) and House Rent Allowance (HRA) will be paid to the faculty who are in time scale. The DA will be revised whenever announced by the management.**

- The teaching and non-teaching faculty have the benefits of EPF, Accident Insurance Scheme and pay advance,QIP, superannuation and Re employment,Onduty, Casual Leaves, Medical Leaves, Maternity leaves,Vacation leave, etc.,

Recruitment Procedures

Based on the requirement, advertisement is given in local and national level newspapers. Based on the AICTE faculty qualification guidelines, Applications are scrutinized by the concerned Head of the Departments and Principal. Then, interview call letters are sent to the applicants. The Staff Selection Committees conduct the interviews. Selected candidates are recommended for appointment. The appointment is made after due approval from the Management through the Principal. AICTE pay scales are implemented. Deserving candidates are offered higher pay.

Promotion Policies

The college follows AICTE norms for qualification and experiences in respect of promotion of faculty members In addition, due consideration is given to academic performance and overall contribution by the faculty members. Incentives are offered to faculty members who excel in academics.

Performance appraisal for faculty is carried out at the end of academic year and a filled in format has been obtained from each faculty comprising the details about results produced, students feedback, guiding projects, their contribution to the department and college, publication of` papers in Journals, presenting papers in Conferences, attending FDPs / STTP / Workshops / R&D projects received, etc. Based on their performance in that academic year, they are suitably rewarded and honored. Faculty members producing 100% in the Theory Subjects during the Anna University examinations will be awarded with Rs.1, 000 cash reward and appreciation certificates.

File Description	Documents
Paste link to Organogram on the institution webpage	https://ksrce.ac.in/index.php/page?id=535&item=477
Upload any additional information	**No File Uploaded**
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	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

Teaching

Non-teaching

- **Contribute to Employees Provident Fund (EPF)**
- **School Admission to the Wards with fee concession**
- **Medical Insurance**
- **Staff Club**
- **Free Transport Facility**
- **Casual and Medical Leave**
- **Vacation Leave**
- **Maternity Leave scheme**
- **Quarters Facility**
- **Hygienic Canteen Facilities**
- **Post Office and Bank Facilities in the campus.**
- **24x7 Hospital**

- **Incentive for Consultancy and Research Activities**
- **IIT Madras PALS Tie-up for Faculty Quality enhancement.**
- **On Duty and Seed Money**
- **Special On Duty**
- **Safety and Security personnel**

- **Contribute to Employees Provident Fund (EPF)**
- **School Admission to the Wards with fee concession**
- **Medical Insurance**
- **Staff Club**
- **Vacation Leave**
- **Maternity Leave scheme**
- **Quarters Facility**
- **Hygienic Canteen Facilities**
- **Post Office and Bank Facilities in the campus.**
- **24x7 Hospital**
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- **Free Transport Facility**
- **Casual and Medical Leave**
- **On Duty and Seed Money**
- **Special On Duty**
- **Safety and Security personnel**

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

0

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)	<u>View File</u>

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

6

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.)

98

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

Yes. The college has the mechanism for internal and external audit as per details given below:

Every year, the budget is prepared well in advance after taking into consideration of the requirements of administrative and developmental activities of every department. The budget is reviewed by the management and approved after necessary changes. The institution has internal and external auditors to monitor and verify the financial transactions and to do the financial audit. Qualified Internal Auditors have been permanently appointed and a team of staff under them do a complete check and verification of all vouchers and bills of the transactions that are carried out in regularly. In addition to this, the external auditors also verify the entire Income and Expenditure and the Capital Expenditure of the Institute and the audit is carried out in an elaborate way every financial year. The institutional accounts are audited regularly by both Internal and statutory audits. Financial audits are conducted

by a certified auditor every financial year to verify the compliance with established financial processes.

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

13.47586

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

K.S.R College of Engineering is a self-financed Institution, where the funds are generated through the fees paid by the students. Additional funding is obtained from by faculty members through different proposals. These funds are utilised for the research and laboratory development. The Institution has a well defined mechanism to monitor effective utilisation of available financial sources for the development of infrastructure to augment academic needs.

All the administrative and academic heads alongwith coordinator of different committee (viz., Placement cell, library advisory committee, purchase committee, software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures), NSS cell, Sports etc., Will submit the budget requirements for the coming academic years. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendation of the principal and management.

All the major financial decisions are taken by the institute finance committee and Governing Body. Institute adheres to utilisation

budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee, accordingly the quotations called and purchase orders are placed after final negotiations. All transactions have transparency through bills and viechers. The bill payments are passed after verification of items. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased. The entire process of the procurement of the material is monitored by the purchase committee and principal. Financial audit is conducted by chartered accountant for every financial year to verify the compliance.

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

- **Internal and External Auditing, Stock Verification**
- **Conducting Conferences**
- **Organising Webinars**
- **Submission of AQAR**
- **Faculty Skill Development Programmes**
- **Induction Progrmmes**
- **NBA Accreditation Process**
- **NIRF Participation**
- **Career guidance Programmes**
- **MoU with industries**
- **Training and Placement**

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The institution follows the academic calendar which is prepared based on the Affiliating University instruction. The calendar will be published on the website of college before the beginning of every academic program. This calendar will help the students, parents and teachers plan for their academic year. Each department in the college functions according the teaching plan, course plan prepared at the department level. The course work is distributed to each and every faculty member by the head of the department. The faculty members follow a lesson plan which consists the details regarding institutional objectives to be achieved, details of contents to be covered, the types of teaching aids and the logistics to be used inside the classroom.

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. It also imparts knowledge through team work and persistent efforts. It also promotes the art infrastructure through the collaborations with research and consultancy. These activities also promote a good relationship with the industries and society in appointing experienced and expert faculty to upgrade their expertise in their concerned areas. It also guarantees timely, efficient and progressive performance of academic as well as financial tasks.

A. Execution Academic calendar

The institute has a well-defined standard operating procedure to develop the academic teaching plans and it follows a well-defined academic calendar. The activity calendar shows the start and end of each semester stating various activities to be conducted, the internal evaluation schedule and the tentative schedule of external evaluation. Each Department prepares its own action plan in alignment with the academic calendar, prior to the commencement of the semester. Action plan includes major routine tasks for timely execution of the teaching/learning and other academic activities such as, Periodical Project presentation, conducting Meeting, Periodical student feedback, etc. for smooth execution of Teaching & Learning process.

Plan of action for effective academic semester proceedings

Step 1: Course subject choices from faculty members

The faculty gives a chance to give their subject options prior to the commencement of the semester. This practice of the institute gives faculty an option to decide on the subjects which they are strong at and prepare for the same.

Step 2: Workload Distribution

Based on the options given by the faculty and also the faculty expertise in their respective subjects chosen, the Head of the department allots subjects to the faculty.

Step 3: Uploading time table

The timetable committee prepares the time table considering the subjects allotted to the faculty. The time table reflects the distribution of each subject for each section, the name of the subject faculty and duration of each class period.

Step 4: Semester Course file

The subject faculty prepares the course plan by defining the course goals, determine the content of the course and also develop teaching methods and tools.

Step 5: Commencement of Classes The subject faculty distributes preface to the students to give orientation about the subjects. The preface covers the objective of the subject, course outcomes of each unit and the reference books to be followed.

Step 6: Conducting Internal Assessment examinations

First Internal Assessment examinations are conducted after 6 weeks of commencement of classes and second Internal Assessment after 12 weeks of the semester. The Third Internal Assessment/Model examination conducted after 15 weeks of the semester. Internal Assessment question papers are collected from subject faculty and sent to the exam cell through the concern department exam coordinator after approval of module coordinator and HoD.

Step 7: commencement of end examinations

The end semester examination timetable is circulated and posted on the notice board for information to the students. Preparation holidays are given to the students and end Semester Examinations are

conducted.

Step 8: Summer vacation

Vacation slot is prepared by Head of the Department to enable the availability of the few faculties in the department for academic purpose.

Step 9: Commencement of next semester

On the last day of the examination the Head of the Department addresses all the students and briefs them about the commencement of the next semester. Students are given instructions and also a glance of the upcoming academic activities of the next semester

B. Improving instructional methods and using pedagogical initiatives

Pedagogies play an important role in delivering content and it varies with the audience. Course allocation is made based on the choice/ expertise of the faculty members before the commencement of semester. Once the courses are allocated, the faculty members prepare a detailed course plan, assignment questions etc. for a particular course. Course materials are prepared based on the lesson plan and course outcomes. Faculty members use various pedagogical methods for effective teaching learning process. A well-defined process for course allotment and load distribution is adopted at the department level. Three to four choices are solicited from the faculty members.

Various pedagogical initiatives to achieve the outcomes of teaching are: 1. Citing real world examples for application based courses 2. PowerPoint presentation 3. Access to study material in website 4. Case studies & result analysis 5. Project based learning 6. Workshops 7. Expert talks 8. Group discussions/tasks 9. Use of LCD projectors and provision for interactive teaching learning. 10. Assignment based problem solving 11. Laboratory/ video based demonstration

Effectiveness of the Programme Design Step 1: Subject Division

The subjects are to be divided into two categories, which are theoretical and mathematical. Then, the faculty members are requested to give their preferences (at- least 3 subjects) in each category. With that list, the HOD finalizes the subjects by considering the specialization of the faculty, experience and other workload of faculty, etc. The subjects are allocated well in time so

that the faculty can prepare the course plan consisting of course delivery methods, assessment plan, assignment frequency and the same is monitored by the HOD before commencement of the class. Weekly progress is also monitored and reported.

Step 2: Time Tables

The time table is framed by the Department Timetable Committee members and it has to be approved by the HOD. The primary requirement of the timetable is to ensure that it enables students to complete core units in a course level, to satisfy course rules and to complete elective combinations that are specified by course regulations to fulfill the requirements of the award.

Step 3: Session Plan

A Session plan is the instructor's road map of what students need to learn and how it will be done effectively during the class time. Before you plan your lesson, you will first need to identify the learning objectives for the class meeting. Then, you can design appropriate learning activities and develop strategies to obtain feedback on student learning.

Step 4: Lecture Notes

Lecture Notes provide a record of the lecture content. It is prepared for all the courses by the concerned faculty members who are teaching the specific courses. It helps the students to learn and remember the ideas and facts presented. Reorganized or edited notes may form the basis for integrating all course materials and information. Notes encourage the students to take an active thinking part in the lecture and to do reference. It is also important to specify the references at the end of each topic for clarity and information.

Step 5: Assignments

Periodical Assignments are given by the faculty in the respective subjects for their knowledge improvement and evaluation.

Step6: LCD Projector

The LCD is one of the most frequently used tools in education and training today. It may be facing a challenge from the data projector, but it is still more flexible and useful for all except uninterrupted, rehearsed presentations.

Step 7: Websites

The list of Websites that have to be referred for a specific topic are specified by the faculty for the student's reference and perusal.

Step 8: Students Handbook

Faculties are given the Course Material for reference. The course material consists of the lecture notes and previous question papers.

Step 9: Content Delivery

Content delivery is the most essential aspect in the entire teaching process, it enables the teachers to initiate innovative and best teaching practices so as to match the course outcomes. The department initiates and encourages the teaching fraternity to enhance several tools for the effective results.

1. Audio Visual Aids:

They are very powerful teaching tools. AV aids should be used to enhance the lecture by offering clarification of material in the lecture, and are particularly useful for students whose preferred learning style is visual.

2. Black board Teaching:

The Black board Learning System allows instructors to post course information and course materials, readings and assignments and provides functionality for basic discussion and other collaborative tools (from Blackboard).

3. Regular assignments:

Assignments help the students to better understand, analyze and improve the presentation of the given topic in the concerned subjects.

4. Continuous Evaluation:

The student's academic performance is to be evaluated continuously and update to the students and parents to put them in the right direction in order to achieve their goals.

5. Tutorials:

As per curriculum, tutorials are a part of the program curriculum. The main purpose of having tutorials for most of the core engineering subjects is to apply the concepts of the concerned subjects learned in the regular classes and the ability to solve complex engineering problems related to that subject.

6. Beyond the Syllabus

The outcome of any program is to mold and nurture the student who can be an all-rounder in all aspects be a successful engineer. This is possible if few additional instruments are added to bring the best of every student inherent intellectual talent.

The following is the co- curricular activities designed by the department: i. Student Seminars ii. Seminars by Experts iii. Industrial Visits iv. Workshops v. Skill Development Programs vi. Internship Program

C. Methodologies to support weaker students

Faculty members identify the list of weak/slow learners of their respective courses. Broadly the identification based on the student's assessment through lectures, lab classes, assignments and Internal Assessment Exam results. The class advisors regularly monitor the progress of their students. The progress of the each student is intimated to the parents, after every Internal Assessment Exam.

- Identify the courses in which student is weak.
- Additional time is provided by the faculty member for better understanding.
- Extra counseling to motivate students and guide students for better preparation.
- More test and assignment are given.
- Mentors are facilitated to understand personal and professional difficulties of students.

Outcomes of action taken for weak students:

Based on the extra care/ initiatives taken for slow learner students the academic performance gets improved. The actions taken by the institution are proven to be effective with respect to the following points:

- Improvement in students' academic performance/technical skills.

- Improvement in quality of Projects and presentations in seminars.
- Improvement in personality development of individual student.
- Enhances the scope for career advancement of each student.

D. Quality of Class Room Teaching

The teaching by the faculty in the class, with the effectiveness is signified with learning outcomes. The faculty who motivates, differentiate, make content relevant and leave no student behind are more important. Activating a student oriented rather than a task-oriented classroom requires more of connect, a professional relationship with the student. Critical thinking must be one of the prime qualities of the student as it is among the first causes of change.

Efforts to keep students engaged in the classroom

- Recap of previous lecture
- Outlines of the current session.
- Learning goals and focusing on related course outcomes of the session
- Revision of lecture
- Legibility in writing on the board (letter size and thickness)
- Board Planning & Management - with the static part holding important concepts.
- Use of ICT tools in the classroom
- Clarity in using terms and abbreviations
- Illustration and use of relevant and real-life examples
- Linking lecture with previous and next lectures

E. Student feedback of teaching learning process and action taken

Purpose of Student feedback

In the pursuit of continued academic program quality and excellence and framing the curriculum to suit the academic and industry front, the students will play a very vital role and it emerges the following. Student feedback should be a key feature of any Institutes quality management processes and has two main purposes.

1. The enhancement of the student experience 2. To assure the Institutes standards and quality of its provision Our Institutes Procedure to obtain Student Feedback The following principles were set out by the Student Feedback and delineate the basis for obtaining and using student feedback within the Institution.

- Enhancing the student experience relies on improvement being made during the period of study for students whose views are listed.
- Students are expected to adopt a responsible and thoughtful attitude when providing feedback.
- Methods of collecting student feedback should seek to ensure that the student is able to express their views freely without fear of being disadvantaged and that the method of collection and analysis is free from the risk of distortion and manipulation.
- Methods of collecting student feedback should be appropriate to both purpose and situation.

Student feedback within the Department will be pursued through a strategic approach to the collection of student views. The framework will make ensure that student opinion is gathered in a structured way throughout the department and avoid duplication.

The Feedback mechanism has been designed to be comprehensive in terms of its coverage of various areas of assessment and also the stakeholders. Feedback is collected from students, parents, alumni, industry/Institutions, Academic peers and Faculty.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the 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://ksrce.ac.in/index.php/page?id=536&item=478
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

The list of activities conducted for the promotion of gender equity during the year 2020-2021 are listed below

1. Aprogram onCORONAVIRUS ACTIVITY conducted online on 16.05.2021

2.CORONAVIRUS AWARENESS program organised through online on 20.05.2020

3.ONLINE WEBINAR YOGA PROGRAM conducted on 18.07.2020

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)

- **Inside the campus, the waste collection method is steamlined in the way that the waste are separated as degradable waste and non-degradable waste at the source and usable points. The classifiedwaste are sent to the respective disposable and recyclable points on daily basis.**
- **e-wastes are collected and disposed to recycling once in a year based on the stock and maintenence report.**

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

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	View File

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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts

    A. Any 4 or all of the above

**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.**

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

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

- **Institute has a long tradition of introducing and teaching the courses like Professional Ethics, Total Quality Management, Environmental Science and Engineering, Universal Human Values and Undestanding Harmony etc.to students.**
- **The NSS volunteers of this institute serves to the neibouring village with village adaption program.**
- **Tiruchengode, where this institute located have got lot of technical manpower in various discipline through which the socio-economic status was raised to certain extend.**

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:

1.CORONA VIRUS VOLUNTEER WORK was carried out at Krishnagiri district on 25.06.2020

2.Election duty volunteer work was carried out by our students at Tiruchengode on 06.04.2021

3.TREE PLANTATION activity carried out through online on 16.04.2021

4.FOOD DISTRIBUTION WORK was performed at Krishnagiri district on 05.05.2021

5.MASK AND SANITIZER DISTRIBUTION WORK was carried out at Krishnagiri district on 10.05.2021

6.CORONA VIRUS AWARENESS program organised at Krishnagiri district on 15.05.2021

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	No File Uploaded
Any other relevant information	No File Uploaded

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

K.S.R. College of Engineering celebrates the following important

days regularly.

- **Republic Day**
- **Womens Day**
- **Anti-Tobacco Day**
- **Science Day**
- **Independance Day**
- **Pongal Festival**
- **SportsDay**
- **College Annual Day**
- **Graduation Day**

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	**No File Uploaded**
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

Best Practice-1

Title: Effective Learning through Efficient Teaching

Objectives

- **To develop interactive class room teaching to bring out inherent academic knowledge of the students.**
- **To provide learning materials and assessment of learning.**
- **To offer hands on experience.**

The Context

Quality teaching is important for producing the intellectual capital and to compete with other countries. It is important to create the classroom teaching in an interactive way by faculty members. Also, it is essential to provide the learning materials to the students at various possible locations everywhere in the campus.

The Practices

- Providing good learning environment with neat & comfortable seating, Board & marker and uninterrupted power supply for electrical appliances like LCD, OHP, lighting and ventilation.
- Rest room and purified drinking water facilities are easily accessible.
- Academics, industrial experts and alumni are involved in framing curriculum and syllabus.
- Teaching with live cases and examples for easy understanding and creating opportunities to students to interact with their opinions.
- Learning materials are provided on the first day of every semester and accessibility to on and off-campus sources.
- Value added courses/frequent guest lectures/invited talks by the practitioners are arranged to give more exposure on real time challenges and industrial practices.
- Field/Industry visits and Internship training provides hands on experiences to the students which makes them to have rich understanding in their area of interest.
- Fully fledged laboratories are available in all disciplines to the students to experiment their own innovative ideas.
- Students are given opportunity to do industrial research projects.
- Hi-tech language laboratory is available with latest software to improve students' communication skills in both oral and written.
- It is a regular practice to encourage the students to make presentations in National/ International seminar and conferences.
- Mentoring, Counseling, One to one contact remedial classes has been conducted to give due attention to the slow learners.
- Question bank is given to the students.
- Provision of 'HOD hour' is given in regular academic schedule to address the grievances of the students and sturdy remedies have been taken immediately to sort out their issues.
- GATE Coaching classes are arranged for students at free of cost to enable them to go for higher studies or to place in Public Sector Units (PSU).

Evidence of success

- Students' confidence levels on subjects are improved.
- Curriculum and syllabus is at par with industry needs.
- Students are aware of latest technology know how in the respective field of interest.
- Students' communication and presentation skills are developed and reflected in the various competitions and placements.

- The academic and non-academic performances of slow learners are improved.
- Students are free off academic and non-academic issues hence percentage of attendance is much improved and they are able to concentrate more on their career developmental activities.
- Number of participants in GATE examination is increased; few have cleared and gone for higher studies with stipend in reputed institutions.

Problems Encountered and Resources Required

- Faculty members need orientation on interactive teaching methods.
- Training all the faculty members in preparation of course materials and make it online access.
- To motivate the students to be creative.
- Students training required in online access.
- Financial commitment by the Management.
- Facilities for preparation, uploading and sharing the course materials, and to access the course materials at various locations inside the College.

Best Practice-2

Title: Decentralized Administration

Objectives

- Introduction of decentralized administration to facilitate quick decision making related to academic and administrative activities.
- To ensure complete transparency and to take prompt and systematic follow up actions.
- To minimize the work burden of the superiors.
- To generate more opportunities in the growth and self-development of faculty members by including them in the various administrative committees.
- To promote the managerial and administrative skills of the faculty to take up leadership positions by delegating the power and responsibility.

The Context

- Decentralized administration makes it possible for the head of the institution to delegate power and responsibility to others and to concentrate on other high level activities of

institution.

- Various committees have been formed to facilitate quick decision making related to academic and administrative activities, ensure complete transparency and objectivity and take prompt and systematic follow up actions. Delegation of responsibility enhances the morale and motivates the subordinates to perform their duties with commitments and improves the overall administrative and academic efficiency of the institution.
- Communication between the head of the institution and subordinates strengthen their relationship and results in smooth administration.

The Practice

The college has Autonomy to execute various academic and administrative activities. Various committees have been framed to review/monitor the functioning of college periodically. The following are some of the best practices.

- Based on the requisitions of the Heads of the department, the new staff members have been recruited by a selection committee.
- Faculty members are promoted in consultation with the Heads of the department.
- Heads of the department are independent to assign the prestigious responsibilities to the right person in his/her department.
- Annual budget required for the department development is prepared by the HOD concerned in consultation with his/her faculty team that enables to prepare the annual budget for the college.
- The purchase committee authorized to finalize the procurement based on the comparative statements prepared by the HODs.
- Heads of the department are consulted for change in intake and addition/deletion of programs.
- Board of Studies members (except university nominee) is selected based on the recommendations of Head of the department.
- The faculty members have organized International/National level seminars and conferences.
- Senior faculty members have a good role to interact with the industries in securing consultancy work and Memorandum of understanding.
- Controller of Examinations is completely independent to take care of all examination related activities.

- Placement cell independently interact with the industries to fill the gap between institution and industry.
- Based on the recommendations of the head of the placement, value added courses, technical training, soft skills training are given to the students.
- IIPC (Industry Institute Partnership Cell) is free enough to execute its role and to establish collaboration with the industries.

Evidence of Success

- Every year annual budget is prepared and sanctioned funds are utilized for the department developments.
- The college has signed MOU with leading academic institutions and industries at national and global level.
- 243 students are placed in reputed companies during the current academic year.
- Value added coursed are conducted by the departments and technical and non-technical trainings are given to the students to equip them to fit in the industries.
- Through IIPC, the college has collaborated with Siemens Centre of Excellence in Manufacturing through NIT Trichy, etc.

Problems Encountered and Resources Required

- Maintaining uniformity in internal administration.
- Updating existing guidelines to meet ever changing scenario.
- Scheduling to involve the students in different activities becomes a difficult task with in stipulated time period.
- Decentralization may lead to the problem of co-ordination, raise in administrative expenses and multi-level reporting system.
- Creation of more funds to implement MOU with foreign institutions for student, staff exchange programme.
- Technology to automate the entire administrative system.

File Description	Documents
Best practices in the Institutional website	https://www.ksrce.ac.in/admin/file_manager/source/IQAC/Best%20Practices.pdf
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)

- ○ **K.S.R. College of Engineering is recognized for its meritorious students and efforts towards continual improvements with regard to its core vision of student-centered, practically focused quality-learning experience.**
- ○ **College being a most excellent educational institution prepared to meet the challenges of a rapidly changing technical world, the primary focus of the institute is excellence in core mission activities of teaching.**
- ○ **Institution maintains its distinctiveness by blending technology with class room teaching.**
- ○ **College has upgraded the teaching learning process through installation of more ICT enabled smart classrooms.**
- ○ **More numbers of faculty and students are attending SWAYAM/NPTEL online courses.**
- ○ **Competitive examination assistance for GATE, TOEFL, GRE, TANCET, TNPSC, etc. made available to the students those who want higher studies in India and Abroad.**
- ○ **Infrastructure is continuously upgraded at each level such as basic level electricity, Internet service, routers, modems, and personnel to maintain the network.**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institution takes care of social needs in the curriculum development. The following subjects are included in the curriculum to improve the life style of the society.

- Environmental Science and Engineering.
- Environmental Engineering Laboratory.
- Professional Ethics.
- Principals of Management.
- Engineering Economics and Finance.
- The guidelines given by the Regulatory bodies, Affiliating University, AICTE and UGC on some special subjects like Environmental Science, Engineering Economics and Finance, Total Quality Management and Professional Ethics are strictly followed.
- Internal tests, assignments, technical presentations, projects are conducted to review the outcomes of the syllabus. It is then systematically documented to ensure the outcomes of the curriculum. Remedial actions are taken in case of any lapse or curriculum-gap in the system those are formulated by the regulatory bodies.
- The institution has well balanced core and elective courses in each program. Each Program is designed keeping in view of fast changing technologies, industry requirement, smooth progression to higher studies and the requirement of statutory bodies. Each program has mandatory core courses and selected elective courses. Electives are chosen based on the students' interest, industry requirements and employability.
- Core courses are carefully designed as per programme objectives as well as the mission of the department and institution. It ensures that it fulfills the market demand based requirement.Based on the feedback from students, alumni, employer and industries, the issues are discussed in BOS and changes are made as per the need. Curriculum is revised once in 2 years (regulations) and also reviewed periodically (twice in a year) based on the needs of the

stakeholders. This process is done as per the guidelines laid by the Affiliating University, AICTE and UGC.

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

189

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

62

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

10

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 institution takes care of social needs in the curriculum development. The following subjects are included in the curriculum to improve the life style of the society. • Environmental Science and Engineering. • Environmental Engineering Laboratory. • Professional Ethics. • Principals of Management. • Engineering Economics and Finance.As well as, the guidelines given by the Regulatory bodies, Affiliating University, AICTE and UGC on some special subjects like Environmental Science, Engineering Economics and Finance, Total Quality Management and Professional Ethics are strictly followed.

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

`10`

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

`342`

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

`665`

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	**Nil**
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 | **D. Feedback collected**

File Description	Documents
Provide URL for stakeholders' feedback report	**Nil**
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

489

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)

489

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

2.2 - Catering to Student Diversity

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

The students admitted in our college are coming from various economic sections and communities of the society. The college is very much aware about their overall growth and social upliftment in the society.

The college has a fair system for admission process. The students are admitted in theinstitution without considering caste, creed,gender, religion, social and economic status. After the completion of admission process regular classes commence as per the academic schedule.

The institution always favour in girl students for enrolment in college in order to equip them with the higher education so that they can become empowered at themselves to face the future competition and to create their own entity. After admissions college adopts a process to identify slow and advance learners among students.

Advanced learners and slow learners are identified on as per their responses in the class room as well as the performance in the cycletest, internal examinations. After knowing slow and advanced learners, the faculties prepare separate list of slow and advance learners and conduct extra lectures for weaker students.

The facultyobserve that whether the student are easily understanding the lesson. If they fail to understand the topic or teaching of a faculty, the same was having been explained again in a easy way. This is the informal way to complete the teaching-learning process and it is also convenient to both teacher and students.

Advanced learners are encouraged to ask their doubts freely and frequently with the faculties, in a formal way. Students are encouraged to refer advanced textbooks, and attend conferences, symposium for their advanced studies.

They are also encouraged to apply for different competitive examinations. They are motivated to participate in seminar presentation, Poster presentation, quiz competition, debates,etc.

Following activities are done by faculties for students:

Slow learners:

1. Individual counselling.

2. Remedial Coaching

3. Extra notes.

4. Internal examination process.

5. Encouragement in NSS, Sports and academic activities.

6. Extra library books.

Advance learners:

1. Advance notes

2. Seminar sessions

3. Participative learning sessions i.e. Technical symposium

4. Experimental learning sessions i.e. Industrial Tour

5. Projects

6. Assessments

7. Internet facility

8. To enhance their confidence level, the college conducts various activities such as Cultural, NSS, and Sports to develop their overall personality.

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
01/07/2020	2050	213

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

K.S.R College of Engineeringprovides an effective platform for students to develop latest skills, knowledge, attitude and values to shape their behaviour in the correct manner.

All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning.

The institute organizes annual project expo, in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in inter college as well as national level competitions.

The institute focuses on the student-centric methods of enhancing lifelong learning skills of students.

Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. Experiential Learning: Each department conducts add-on programs to support students in their experiential learning.

The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students –

? Laboratory Sessions are conducted with content beyond syllabus experiments.

? Summer Internship -Students can get hands on training while working in the company.

? Add-on Courses on latest technologies with NPTEL, MOODLE, Coursera etc.

? Project development on latest technologies by students where they showcase their working model in the technical symposium.

? Industrial Visits to engage them in experiential learning while visiting the organization.

? Certification Courses (Value Added Courses) by the market experts such as Microsoft/ Google/ etc. to develop their expertise.

? Participation in simulated events such as simulated stock exchanges or hackathons where they acquire experience of working on some real-life model.

2. Participatory Learning: In this type of learning, students participate in various activities such as seminar, group discussion, , projects, and the skill based add on courses.

Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as

? Project Expo- It is organized every year for engineering students where selected projects are displayed at the larger platform.

? Technical Symposium- This is organized every year by the students in which students from different colleges participate and learn from each other.

? Annual cultural program – This is organized every year for the students of the college to give a vent to their creativity.

? Regular Quizzes- Quizzes are organized for student participation at intra or inter college level.

? Seminar Presentation – Students develop technical skills while presenting papers in seminars.

? Presentation and publishing of papers in conferences and journals - The objective is to give them exposure to learn new skills.

? MOOC Programs (NPTEL, COURSERA etc.)

3. Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills. For this, college organizes expert lectures on various topics, participate in various inter-college and intra-college technical symposium and other competitions such as:

? Regular Assignments based on problems

? Mini Project development

? Regular Quizzes

? Case studies Discussion

? Class presentations

? Debates

? Participation in Inter college events

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning.

College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute ICT Tools:

1. Projectorsare available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- They are installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.

5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- The seminar halls are equipped with all digital facilities.

7. Smart class room- The Smart class rooms are installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.

9. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom

10. MOOC Platform (NPTEL, Coursera, etc)

11. Digital Library resources (DEL NET, etc)

Use of ICT by Faculty

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://ksrce.ac.in/index.php/page?id=34&item=12
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

101

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

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

Preparation and Adherence of Academic Calendar:

The institution prepares the academic calendar every year in advance.Academic calendar provides the total effective working days available in a given semester.

Then the senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic inputs.

Preparation and Adherence of Teaching Plan:

The concern faculties prepare lesson plan for their respective subjects of 60/45/30hours. These 60/45/30 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions.

The HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with

perfect blend of practical and theoretical inputs.

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

213

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

68

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)

2107

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

53

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

8

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

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

Response:

- **The Autonomous College has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The reforms have also been enforced in the continuous internal assessments modes and factors. Examination procedure has been fully automated using In**

house IT software

- Positive impact of reforms on the examination procedures and processes including IT integration and nonstop internal assessment on the examination operation system
- The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system fool proof and address the grievances of students, if any.
- The institutional reforms in all the activities of the examination system are kept at par with the reforms strapped by the AICTE for various engineering disciplines.
- The drivers for reforms in examination system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE- frame work for assessment process, evaluation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design etc.

Examination Procedure and IT integration

- Adopting semester patterns of examination with continuous evaluation system for all the departments.
- Digital Evaluation systems has been successfully implemented for UG, PG and Ph.D examinations.
- Inclusion of seminar project, assignment, seminar presentation etc. as components of evaluation.
- Choice based credit system is in practice for the benefit of the students.
- Continuous Internal Assessment (CIA) includes three examinations (IAT1, IT2 & IAT3) in a semester for each course, periodical assignments/tests/quizzes etc. to keep the students meaningfully engaged with the subject content throughout the semester.

Reform(s)

Positive impact(s)

2 sets of question papers are maintained for each subject / course

Confidentiality in the question paper selection

Setting the question papers from all the units with internal

choice and moderation of question papers.

- Maintain standards and coverage of syllabus among all the units.
- Students are required to study all the units in a given course.
- Improve the course outcome by implementing internal choice.

Preparation of detailed scheme of evaluation by internal subject / course experts

- Uniformity in the evaluation among the evaluators.
- Fair judgment for the students.

Appointment of squad consisting of senior faculty members of other reputed institutions and internal faculty to monitor the semester end examinations

Strict vigilance for smooth conduct of examinations

Establishment of Spot evaluation center

- Confidentiality and custody of answer booklets are ensured
- Declaration of results within the stipulated time

Establishment of CCTV Surveillance System

- Continuous monitoring of activities of examination section and spot evaluation process.
- Restricted entry and surveillance of the entry of un-authorized persons into the examination section

Encoding and decoding (dummy numbers) of answer booklets

Provides confidentiality and unbiased evaluation.

Automation of examination management system

- Improvement in reliability, efficiency, security, transparency, confidentiality and accuracy in the entire process.
- Software developed by the institute provides flexibility to incorporate autonomous curriculum requirements

Personal verification and revaluation system

Accountability of the evaluation process and improving the transparency in the evaluation

Advance Supplementary examinations and timely publication of results & issuing necessary certificates in time.

Provides more scope to final year students for their placements and higher studies

Inclusion of security features in grade sheets as well as in answer booklets

Chances of manipulations are nullified.

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Vision, the Mission,the Program Educational Outcomes (PEOs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publishedthrough

- **Website**
- **Curriculum /regulations books**
- **Class rooms**
- **Department Notice Boards**
- **Laboratories**
- **Meetings/ Interactions with employers**
- **Parent meet**
- **Faculty meetings**
- **Alumni meetings**
- **Professional Body meetings**
- **Library**

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class advisors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the course outcomes.

Program specific outcomes (PSOs) are the specific skill requirements and accomplishments to be fulfilled by the students at micro level and by the end of the program. The programme co-ordinators prepare the PSOs, usually two to four in number, in consultation with course coordinators. The BOS, including Head of the Department and subject experts, of the individual departments will discuss the same and approve it after endorsement by the Principal.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. The Module coordinator will verify it. Finally, they are discussed in the concerned department's BOS meeting course-wise and approved.

The POs/PSOs of the programme are published through electronic media at individual Department site located on the college website http://www.ksrce.ac.in/. The COs of the courses are also published through electronic media at the Department site located on the college website: http://www.ksrce.ac.in/. In all the interactions with the students, awareness on POs, PSOs and COs is consciously promoted.

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	http://www.ksrce.ac.in/index.php/page?id=144&item=120

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

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved.

The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program coordinator in consultation with other faculty members.

CO Attainment

Assessment methods include direct and indirect methods. The process of course outcome assessment by direct method is based on internal assessments, end semesterexamination and quiz. Each question in internal assessment/ end semester /assignment/quiz is tagged to the corresponding CO and the overall attainment of that CO is based on average mark set as target for final attainment.

1. Internal Assessment Testare conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment.
2. Semester End Examinationis descriptive, and a metric for assessing whether all the COs are attained.

The indirect assessment is done through the course end survey.

Rubrics

Rubrics are formulated for the assessment of Laboratory, Mini

Project, Major Project, Seminar and Internship courses. The attainment of Course Outcomes of all courses with respect to set attainment levels are given under.

% of CO attainment >=70% >=60% &< 70% >=50% &< 60% <50% CO attainment level 3 2 1 0

The attainment of each CO is computed by setting the class average mark as the target. The COs of each course are mapped to POs & PSOs with weightages of 3 (Strong), 2 (Medium) and 1 (Weak).

Assessment of Course outcomes of Lab courses

The course outcomes of a practical course should satisfy at least any one or more of the defined program outcomes. These describe what students are able to demonstrate in terms of knowledge, skills, and values upon completion of the said course. Percentage of students who score more than 80% marks in each measured criterion is taken for calculating CO attainment.

Attainment of Program Outcomes and Program Specific Outcomes

All the courses which contribute to the PO are identified and these courses are evaluated through the Course Outcomes using direct (Internal (20% weightage) and External exam (80% weightage) and indirect (Course end survey) assessments. The overall results from the assessments of the PO are compared with the expected attainment. The PO is considered satisfied on attainment of the expected level.

For each course, the level of attainment of each CO is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, then faculty suggest for improvement to attain the same.

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

710

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	<u>https://ksrce.ac.in/index.php/page?id=536&item=478</u>

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

<u>https://www.ksrce.ac.in/admin/file_manager/source/Cells/Survey%20report.pdf</u>

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

RESEARCH PROMOTION POLICY MANUAL

Objective: To promote research activities of the K.S.R. College of Engineering.

Research promotion policy:

? All the faculty members are encouraged to do research.

? Faculty members are encouraged to apply for seed money from funding agencies or industries relevant to their field of interest.

? The management will consider seed money for the research projects, if the proof of concept is established by the faculty.

? Faculty members shall be permitted to attended conference/workshop relevant to their field of research in India or Abroad with on duty leave. Registration fee shall be reimbursed.

? Partial financial support only be considered for the faculty members invited for keynote speaker/plenary lecture in conference/seminar, etc. if financial support is not provided by the organizers or any other funding agencies.

? Faculty members shall apply for travel grant to the funding agencies.

? An increment of Rs. 10,000/- per month for Engineering and Rs. 6,000/- per month for Science and Humanities may be provided by institute for the faculty members completing Ph.D. degree provided they have two publications in the impact factor journals/SCI/Web of Science/ Scopus.

? The suitable incentives will be granted by the Vice-Chairman / Principal for the faculty members who received research grants from various funding agencies.

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://ksrce.ac.in/index.php/page?id=454&item=361
Any additional information	[View File](#)

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)

3.118 lakhs

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

3

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)

18.34 LAKHS

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

4

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

27

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
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.

The institution has well established IPR cell in our campus. In fact all the faculty members are requested to involve IPR Activates such as publications research articles in reputed journals such as SCI and scobus journals and applying patents for the innovative work through the various kinds of projects details of IPR 2021 attached here

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

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

17

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

16

File Description	Documents
URL to the research page on HEI website	www.ksrce.ac.in
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

114

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

1

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

153

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

59

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)

2.34255 lakhs

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

nil

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

In our institution we are educated our students to take part in neighbourhood social issues which is not only benefits to the common people but also it is a great learning environment to our students. During pandemic period our students gave full awareness about covid-19 among public in persistent manner. To promote green environment in our neighbourhood our students involved in tree plantation too. Besides we support the people by giving food mask and sanitizer when they need. Infect our students acted as volunteer in election duty among neighbourhood society.

Our students get involved in swachh bharath mission activity to ensure the clean environment by managing the discared plastics in better way. The details of our social connectivity is also attached here for your kind perusal

File Description	Documents
Upload any additional information	<u>View File</u>
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

3

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)

15

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

1055

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

228

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)

6

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has adequate physical and academic facilities required as per AICTE & Anna University guidelines to run the different programs. The college is well-equipped with physical and technology-enabled infrastructure that supports to run smoothly both academic programmes and administration related activities. The Classrooms, Laboratories, Seminar Halls are well equipped along with computing system,LCD projector and Internet facility. Totally 81 classrooms & Tutorial Halls are available. The Thirteen Seminar Halls equipped with ICT facilities and Air Conditioners. Every department of the college is equipped with individual faculty cabin and basic amenities like intercom, internet and computing facilities.

The institute has canteen,Indoor stadium with gymnasium, Playground with track facilities, modern swimming pool and open air auditorium with 8000 capacity.and closed auditorium of 1200 seating capacity

At the beginning of the academic year, assessment is needed for replacement / up-gradation / addition of the existing infrastructure is carried out based on students intake,The Head of the departments,after reviewing course requirements,computer-student ratio, budget constraints, working condition of the existing equipment and also students' grievances are to be verified and updated. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities / extra –

curricular activities, parent teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences etc.

Creation of Physical Ambience:

- Laying of tar with bitumen roads, connecting all the academic and hostel blocks
- Paver block have been laid on the adjacent side of the building.
- Cool shade coconut trees to provide greenish atmosphere.
- Tree-cover to provide green-atmosphere.
- Grass landscaping

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.)

It has adequate facilities for sports, games and cultural activities. KSRCE has large playgroundwith provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho. Another field provides Lawn Tennis courts. Indoor and outdoor badminton courts and gymnasium are available.

Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carrom, table tennis and chess, gymnasium and cultural activities also exist in the Girls and Boys Hostels.

Qualified Physical Directors are been appointed to take care of day-to-day games and sports activities of the college.

College teams are formed to take part in state level and University level competitions and other intercollegiate competitions.

We have seperateYoga Class room where students and faculty members do meditate and even practice yoga.

Students are very much encouraged to participate in the cultural events in inter and intra college technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents.

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

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

No.of Class Room: 84 No.of Seminar Halls:13

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

83.04

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)

Name of the ILMS Software

Nature of automation (Fully or partially)

```
Version

Year of Automation

Libman 1.1 (Own Software)

Fully Automated

1.1

2001

The Central library have fully automated through Libman 1.1 (Own
Software) for smart card entry,

barcode scanning and check - in, searching for titles, issues and
check -outs.

Facilities:

   1. E Gate Smartcard and Barcode Reader
   2. e Circulation
   3. OPAC Facility
   4. Periodical search
   5. Reservation Facility
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ksrce.ac.in/index.php/page?id=34&item=12

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	View File

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

13.55354

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

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

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

453

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

4.3 - IT Infrastructure

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

The Information Technology Policy Document is prepared to make all faculty members, students and research scholars of K.S.R College of Engineering aware of rules and regulations that govern their appropriate use of Information technology and infrastructure established by the institute. The policy is effective from July, 2013. It is expected that said members strictly adhere to the rules and regulations spelled out in this document. The Management reserves the right to change/modify the

policy as and when necessary and apply their discretion in specific cases.

To maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the K. S. R. College of Engineering (KSRCE).To outline the broad framework of IT infrastructure that needs to be made available for students and employees of the institution for effective realization of the objectives of the institution while also ensuring sufficient controls and safeguards to prevent misuse and inappropriate usage.

Broad IT Infrastructure available for the benefit of students:

- Internet bandwidth available 160Mbps
- More than 1000+ desktops available in Labs, Digital Library, Staff Rooms and so on.
- Firewall at the entry point to enforce security policies in terms of internet access

Objectives: It should always stay on top of the curve in terms of modem state of the art ITinfrastructure for the benefit ofstudents and staff alike.

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
2488	1420

File Description	Documents
Upload any additional information	No File Uploaded

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 | **B. Any three of the above** |

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

188.27

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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.

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in-house staff on daily basis and periodically. And care has been taken to keep the equipments, machine etc in working condition. In case of breakdowns standard procedure is followed

to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping.

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

1092

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

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

544

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

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

File Description	Documents
Link to Institutional website	https://ksrce.ac.in/index.php/page?id=23&item=66
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

350

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	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

306

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

11

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

16

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

5.3 - Student Participation and Activities

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

6

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

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

We at K.S.R. College of Engineering are firm believer that Overall development of students is achievable only when we give student a stage to express themselves in their areas of attention other than academic front.

We have run various societies and clubs managed by Student's coordinator and overall coordination is done by respective faculty incharge.

Various Societies are namely:

- Board of Studies Member
- SAE Club
- ISHAE student chapter
- ISTE Chapter
- IEEE Chapter
- IIT PALS Chapter
- Indian Concrete Institute (ICI)
- Department Association of Each department
- Music Club,
- Science Club
- NSS
- NCC
- Tamil Mandram
- English Literature Club

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

1

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

We have presently 400 and plus Alumni enrolled in KSRCE Alumni Association from Automobile, Civil, Computer Science and Engineering, Electronics and Communication, Electrical and Electronics, Information Technology and Mechanical Engineering courses. We conduct yearly once Alumni get together. Generally, Alumni Meet is organised once a year. Our present batch of students and faculty come together to organises a enormous welcome and interface session for KSRCE Alumni's. As a part of welcome ceremony different societies of KSRCE present their programmes in the form of drama, dance, conversation and represent how new students have taken up the accountability to become the face of KSRCE. After the welcome ceremony, college management and director interact with Alumni. Followed by some of the Alumni share their success stories and talk about the method required to take KSRCE to greater heights. All faculty members take part in the gathering to be glad about the growth and achievement of their students in the 21st century world and feel proud of the various positions achieved by their students in presumed organisations.

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	**E. <2 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

Our governance body is so reflective and the main focus is on the vision and mission of the Institute.

Vision

We envision to achieve status as an excellent educational institution in the global knowledge hub, making self-learners, experts, ethical and responsible engineers, technologies, scientists, managers, administrators, and entrepreneurs who will significantly contribute to research and environment-friendly sustainable growth of the nation and the world.

Mission

- To inculcate in the students' self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, entrepreneurs, and administrators by diligently imparting the best of education, nurturing environmental and social needs.

- To foster and maintain a mutually beneficial partnership with global industries and Institutions through knowledge sharing, collaborative research, and innovation.

The following strategic characteristics and aspirations enable the College to realize its vision:

- Modern and precise educational knowledges that develop the engineers
- An atmosphere that facilitates personal commitment to the educational achievement of students in an surroundings that values multiplicity and society
- Highly successful alumni who contribute to the profession in the global society

- Undergraduate and Postgraduate programs that assimilate global awareness, communication skills and team building across the curriculum
- Practical and responsible resource management
- Training that practice, students in interdisciplinary engineering research and advanced problem solving
- Leadership and service to meet societal needs.

Governing body designs and executes Short-term, Long-term plans integrating departmental plans, findings of SWOT analysis. Every year this process is conducted in the institution Formulation of action plans and defining the policy objectives attempts to address the issues of systematic change to provide quality education. Creating robust principles, frameworks, systems and processes the institution intends to reinforce the culture of excellence. All the systems work together as a team aiming to be champions of organizational change. The Department fosters a healthy competitive atmosphere among themselves and each one strives to accomplish excellence in their standards.

Faculties discharge an important role in implementing the vision and mission of the college and to that end play a proactive part in the decision-making process. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units.

Besides, Faculties are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Some of these committees are the Academic Council, the Examination Committee, the Admission Committee, planning and Evaluation committee, the Finance committee, the Library Committee, etc.

Faculty members are involved in the institution level and department level activities. Students are participating in the intra and inter departmental, and College level activities such as teaching-learning, organizing functions, industrial visits, in-plant training, Clubs and welfare activities. Alumni members are participating in the Board of Studies, Result Passing Board Meeting, Placement Training to the students and deliver Guest lecturers to share their expertise.

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

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

The College follows the policy of decentralization. The Governing Body delegates all the academic and non-academic decisions based on policy to the college Committee headed by the Principal. The college Committee formulates common working procedures and entrusts the implementation through departments. The department coordinator manages the day to day activities of the department and keeps a track of co-curricular and extra-curricular activities in the College. Other units of the college like sports, arts, library, etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various departments in the decision-taking process.

File Description	Documents
Upload strategic plan and deployment documents on the website	<u>View File</u>
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

The powers of decision making is delegated to Head of the institution i.e. The Principal by which the key areas like Institution administration, University compliances, Institution Strategies and Policies, Financial Matters, Research & Development, Government & Social interface and other proceedings in the office are executed for smooth functioning of the institute.

To facilitate and sustain the competence to implement the above

areas of actions, dedicated specialized administrative committees are formed. They are Academic Review Committee, Examination Cell, Training & Placement Cell, Disciplinary Committee, Grievance and Redressal Committee, Women Protection Cell, and Cultural Committee.

The Institute has a set of well defined policies of Governance that have been framed in close consultation with the stake holders.

- These policies are communicated to faculty members at regular intervals.
- Students are briefed about these policies during the orientation in the beginning. Thereafter, faculty members remind the students from time to time regarding the importance of adhering to these policies.
- There are policies pertaining to faculty members conduct, employment process. Joining and separation policies, maternity benefit policy, leave policy, internet Policy and Performance Management standards.
- The Disciplinary Committee framed the policy regarding the anti-ragging to make the campus Ragging free zone.
- The Academic Committee prepared the policy regarding the academics of the Institution in line with the Industrial needs.
- Examination Cell has framed policy for valuation, paper setting, and proper conduct of exams, Malpractices, and results.
- Library Committee has framed the policy which would ensure the Institutional Library has all prescribed books relating to all functional areas.
- Training and Placement Cell has developed well thought out policy to make all students undergo training in soft skills and domain areas to get them placed in well reputed MNCs.

Decentralization of Power

- All faculty members are given certain administrative responsibilities.
- The delegation of responsibilities leads to transparency, faculty development and faculty enrichment.
- The institute follows delegation, decentralization and empowerment policies while entrusting the responsibilities to faculty and staff.
- In view of above, the institute plans and declares various academic committees covering both faculty and

administrative staff.

- The collective decision making is encouraged at all levels.
- Decisions taken by different committees are planned d at the level of Principal's office
- In most cases, the decisions are taken with collective wisdom.

Committees

- In addition to teaching, the faculty members are involved in Research, Training, Administration of academic matters and consultancy.
- The faculty members through various committees in coordination with fellow faculty fraternity carry out different academic activities.
- The faculty members are involved in multiple activities including teaching, research,training, admissions, administration and Industrial consultancy.
- They are mainly responsible for designing course curriculum, revision, proposal and introduction of new courses, delivery of program, and continuous assessment.
- The different academic activities are carried out by the faculty members through various committees in close co-ordination with the students.

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.

Patron is the Chairman of the Governing Body. The Governing Body is responsible for Policy making and to verifying the reports through the Secretary & Correspondent. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, Anti-ragging Cell etc., as per the university/ government guidelines are also included in the organizational structure of the institution. A committee comprising of faculty members and administrative staff are involved in the planning and implementation, academic audit

and evaluation. There are different bodies that give academic and administrative leadership to the institution. An optimum level of decentralization through the autonomous departmental system and participative decision making process are in practice.

Service Rules:

The College Functions from Monday to Saturday every week except 2nd & 4th Saturday. The College working hours is from 9.00 AM to 4.05 PM for Faculty and Staff members.

The service rules are framed to ensure effective utilization of human resources for improvement of academic and overall performance of institution.

- The appointment order is issued based on the undertaking letter given by the faculty by stating their willingness to work in the institution for a minimum period of one year. After that the faculty treated as Regular faculty.
- Based on the experience and qualifications, the monthly salary will be paid as per AICTE Norms. Suitable dearness allowance (DA) and House Rent Allowance (HRA) will be paid to the faculty who are in time scale. The DA will be revised whenever announced by the management.
- The teaching and non-teaching faculty have the benefits of EPF, Accident Insurance Scheme and pay advance,QIP, superannuation and Re employment,Onduty, Casual Leaves, Medical Leaves, Maternity leaves,Vacation leave, etc.,

Recruitment Procedures

Based on the requirement, advertisement is given in local and national level newspapers. Based on the AICTE faculty qualification guidelines, Applications are scrutinized by the concerned Head of the Departments and Principal. Then, interview call letters are sent to the applicants. The Staff Selection Committees conduct the interviews. Selected candidates are recommended for appointment. The appointment is made after due approval from the Management through the Principal. AICTE pay scales are implemented. Deserving candidates are offered higher pay.

Promotion Policies

The college follows AICTE norms for qualification and experiences in respect of promotion of faculty members In addition, due

consideration is given to academic performance and overall contribution by the faculty members. Incentives are offered to faculty members who excel in academics.

Performance appraisal for faculty is carried out at the end of academic year and a filled in format has been obtained from each faculty comprising the details about results produced, students feedback, guiding projects, their contribution to the department and college, publication of` papers in Journals, presenting papers in Conferences, attending FDPs / STTP / Workshops / R&D projects received, etc. Based on their performance in that academic year, they are suitably rewarded and honored. Faculty members producing 100% in the Theory Subjects during the Anna University examinations will be awarded with Rs.1, 000 cash reward and appreciation certificates.

File Description	Documents
Paste link to Organogram on the institution webpage	https://ksrce.ac.in/index.php/page?id=535&item=477
Upload any additional information	**No File Uploaded**
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	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

Teaching

Non-teaching

- Contribute to Employees Provident Fund (EPF)
- School Admission to the Wards with fee concession
- Medical Insurance
- Staff Club
- Free Transport Facility
- Casual and Medical Leave
- Vacation Leave
- Maternity Leave scheme
- Quarters Facility
- Hygienic Canteen Facilities
- Post Office and Bank Facilities in the campus.
- 24x7 Hospital
- Incentive for Consultancy and Research Activities
- IIT Madras PALS Tie-up for Faculty Quality enhancement.
- On Duty and Seed Money
- Special On Duty
- Safety and Security personnel

- Contribute to Employees Provident Fund (EPF)
- School Admission to the Wards with fee concession
- Medical Insurance
- Staff Club
- Vacation Leave
- Maternity Leave scheme
- Quarters Facility
- Hygienic Canteen Facilities
- Post Office and Bank Facilities in the campus.
- 24x7 Hospital
- Incentive for Consultancy and Research Activities
- Free Transport Facility
- Casual and Medical Leave
- On Duty and Seed Money
- Special On Duty
- Safety and Security personnel

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

01-06-2022 11:00:56

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

0

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

6

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.)

98

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

Yes. The college has the mechanism for internal and external

audit as per details given below:

Every year, the budget is prepared well in advance after taking into consideration of the requirements of administrative and developmental activities of every department. The budget is reviewed by the management and approved after necessary changes. The institution has internal and external auditors to monitor and verify the financial transactions and to do the financial audit. Qualified Internal Auditors have been permanently appointed and a team of staff under them do a complete check and verification of all vouchers and bills of the transactions that are carried out in regularly. In addition to this, the external auditors also verify the entire Income and Expenditure and the Capital Expenditure of the Institute and the audit is carried out in an elaborate way every financial year. The institutional accounts are audited regularly by both Internal and statutory audits. Financial audits are conducted by a certified auditor every financial year to verify the compliance with established financial processes.

File Description	Documents
Upload any additional information	No File Uploaded
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)

13.47586

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

K.S.R College of Engineering is a self-financed Institution, where the funds are generated through the fees paid by the students. Additional funding is obtained from by faculty members

through different proposals. These funds are utilised for the research and laboratory development. The Institution has a well defined mechanism to monitor effective utilisation of available financial sources for the development of infrastructure to augment academic needs.

All the administrative and academic heads alongwith coordinator of different committee (viz., Placement cell, library advisory committee, purchase committee, software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures), NSS cell, Sports etc., Will submit the budget requirements for the coming academic years. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendation of the principal and management.

All the major financial decisions are taken by the institute finance committee and Governing Body. Institute adheres to utilisation budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee, accordingly the quotations called and purchase orders are placed after final negotiations. All transactions have transparency through bills and viechers. The bill payments are passed after verification of items. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased. The entire process of the procurement of the material is monitored by the purchase committee and principal. Financial audit is conducted by chartered accountant for every financial year to verify the compliance.

File Description	Documents
Upload any additional information	No File Uploaded
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)

- Internal and External Auditing, Stock Verification
- Conducting Conferences
- Organising Webinars
- Submission of AQAR
- Faculty Skill Development Programmes
- Induction Progrmmes
- NBA Accreditation Process
- NIRF Participation
- Career guidance Programmes
- MoU with industries
- Training and Placement

File Description	Documents
Upload any additional information	No File Uploaded
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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The institution follows the academic calendar which is prepared based on the Affiliating University instruction. The calendar will be published on the website of college before the beginning of every academic program. This calendar will help the students, parents and teachers plan for their academic year. Each department in the college functions according the teaching plan, course plan prepared at the department level. The course work is distributed to each and every faculty member by the head of the department. The faculty members follow a lesson plan which consists the details regarding institutional objectives to be achieved, details of contents to be covered, the types of teaching aids and the logistics to be used inside the classroom.

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. It also imparts knowledge through team work and persistent efforts. It also promotes the art infrastructure through the collaborations with research and consultancy. These activities also promote a good relationship with the industries and society in appointing experienced and

expert faculty to upgrade their expertise in their concerned areas. It also guarantees timely, efficient and progressive performance of academic as well as financial tasks.

A. Execution Academic calendar

The institute has a well-defined standard operating procedure to develop the academic teaching plans and it follows a well-defined academic calendar. The activity calendar shows the start and end of each semester stating various activities to be conducted, the internal evaluation schedule and the tentative schedule of external evaluation. Each Department prepares its own action plan in alignment with the academic calendar, prior to the commencement of the semester. Action plan includes major routine tasks for timely execution of the teaching/learning and other academic activities such as, Periodical Project presentation, conducting Meeting, Periodical student feedback, etc. for smooth execution of Teaching & Learning process.

Plan of action for effective academic semester proceedings

Step 1: Course subject choices from faculty members

The faculty gives a chance to give their subject options prior to the commencement of the semester. This practice of the institute gives faculty an option to decide on the subjects which they are strong at and prepare for the same.

Step 2: Workload Distribution

Based on the options given by the faculty and also the faculty expertise in their respective subjects chosen, the Head of the department allots subjects to the faculty.

Step 3: Uploading time table

The timetable committee prepares the time table considering the subjects allotted to the faculty. The time table reflects the distribution of each subject for each section, the name of the subject faculty and duration of each class period.

Step 4: Semester Course file

The subject faculty prepares the course plan by defining the course goals, determine the content of the course and also develop teaching methods and tools.

Step 5: Commencement of Classes The subject faculty distributes preface to the students to give orientation about the subjects. The preface covers the objective of the subject, course outcomes of each unit and the reference books to be followed.

Step 6: Conducting Internal Assessment examinations

First Internal Assessment examinations are conducted after 6 weeks of commencement of classes and second Internal Assessment after 12 weeks of the semester. The Third Internal Assessment/Model examination conducted after 15 weeks of the semester. Internal Assessment question papers are collected from subject faculty and sent to the exam cell through the concern department exam coordinator after approval of module coordinator and HoD.

Step 7: commencement of end examinations

The end semester examination timetable is circulated and posted on the notice board for information to the students. Preparation holidays are given to the students and end Semester Examinations are conducted.

Step 8: Summer vacation

Vacation slot is prepared by Head of the Department to enable the availability of the few faculties in the department for academic purpose.

Step 9: Commencement of next semester

On the last day of the examination the Head of the Department addresses all the students and briefs them about the commencement of the next semester. Students are given instructions and also a glance of the upcoming academic activities of the next semester

B. Improving instructional methods and using pedagogical initiatives

Pedagogies play an important role in delivering content and it varies with the audience. Course allocation is made based on the choice/ expertise of the faculty members before the commencement of semester. Once the courses are allocated, the faculty members prepare a detailed course plan, assignment questions etc. for a particular course. Course materials are prepared based on the lesson plan and course outcomes. Faculty members use various

pedagogical methods for effective teaching learning process. A well-defined process for course allotment and load distribution is adopted at the department level. Three to four choices are solicited from the faculty members.

Various pedagogical initiatives to achieve the outcomes of teaching are: 1. Citing real world examples for application based courses 2. PowerPoint presentation 3. Access to study material in website 4. Case studies & result analysis 5. Project based learning 6. Workshops 7. Expert talks 8. Group discussions/tasks 9. Use of LCD projectors and provision for interactive teaching learning. 10. Assignment based problem solving 11. Laboratory/ video based demonstration

Effectiveness of the Programme Design Step 1: Subject Division

The subjects are to be divided into two categories, which are theoretical and mathematical. Then, the faculty members are requested to give their preferences (at- least 3 subjects) in each category. With that list, the HOD finalizes the subjects by considering the specialization of the faculty, experience and other workload of faculty, etc. The subjects are allocated well in time so that the faculty can prepare the course plan consisting of course delivery methods, assessment plan, assignment frequency and the same is monitored by the HOD before commencement of the class. Weekly progress is also monitored and reported.

Step 2: Time Tables

The time table is framed by the Department Timetable Committee members and it has to be approved by the HOD. The primary requirement of the timetable is to ensure that it enables students to complete core units in a course level, to satisfy course rules and to complete elective combinations that are specified by course regulations to fulfill the requirements of the award.

Step 3: Session Plan

A Session plan is the instructor's road map of what students need to learn and how it will be done effectively during the class time. Before you plan your lesson, you will first need to identify the learning objectives for the class meeting. Then, you can design appropriate learning activities and develop strategies to obtain feedback on student learning.

Step 4: Lecture Notes

Lecture Notes provide a record of the lecture content. It is prepared for all the courses by the concerned faculty members who are teaching the specific courses. It helps the students to learn and remember the ideas and facts presented. Reorganized or edited notes may form the basis for integrating all course materials and information. Notes encourage the students to take an active thinking part in the lecture and to do reference. It is also important to specify the references at the end of each topic for clarity and information.

Step 5: Assignments

Periodical Assignments are given by the faculty in the respective subjects for their knowledge improvement and evaluation.

Step6: LCD Projector

The LCD is one of the most frequently used tools in education and training today. It may be facing a challenge from the data projector, but it is still more flexible and useful for all except uninterrupted, rehearsed presentations.

Step 7: Websites

The list of Websites that have to be referred for a specific topic are specified by the faculty for the student's reference and perusal.

Step 8: Students Handbook

Faculties are given the Course Material for reference. The course material consists of the lecture notes and previous question papers.

Step 9: Content Delivery

Content delivery is the most essential aspect in the entire teaching process, it enables the teachers to initiate innovative and best teaching practices so as to match the course outcomes. The department initiates and encourages the teaching fraternity to enhance several tools for the effective results.

1. Audio Visual Aids:

They are very powerful teaching tools. AV aids should be used to enhance the lecture by offering clarification of material in the lecture, and are particularly useful for students whose preferred learning style is visual.

2. Black board Teaching:

The Black board Learning System allows instructors to post course information and course materials, readings and assignments and provides functionality for basic discussion and other collaborative tools (from Blackboard).

3. Regular assignments:

Assignments help the students to better understand, analyze and improve the presentation of the given topic in the concerned subjects.

4. Continuous Evaluation:

The student's academic performance is to be evaluated continuously and update to the students and parents to put them in the right direction in order to achieve their goals.

5. Tutorials:

As per curriculum, tutorials are a part of the program curriculum. The main purpose of having tutorials for most of the core engineering subjects is to apply the concepts of the concerned subjects learned in the regular classes and the ability to solve complex engineering problems related to that subject.

6. Beyond the Syllabus

The outcome of any program is to mold and nurture the student who can be an all-rounder in all aspects be a successful engineer. This is possible if few additional instruments are added to bring the best of every student inherent intellectual talent.

The following is the co- curricular activities designed by the department: i. Student Seminars ii. Seminars by Experts iii. Industrial Visits iv. Workshops v. Skill Development Programs vi. Internship Program

C. Methodologies to support weaker students

Faculty members identify the list of weak/slow learners of their respective courses. Broadly the identification based on the student's assessment through lectures, lab classes, assignments and Internal Assessment Exam results. The class advisors regularly monitor the progress of their students. The progress of the each student is intimated to the parents, after every Internal Assessment Exam.

- Identify the courses in which student is weak.
- Additional time is provided by the faculty member for better understanding.
- Extra counseling to motivate students and guide students for better preparation.
- More test and assignment are given.
- Mentors are facilitated to understand personal and professional difficulties of students.

Outcomes of action taken for weak students:

Based on the extra care/ initiatives taken for slow learner students the academic performance gets improved. The actions taken by the institution are proven to be effective with respect to the following points:

- Improvement in students' academic performance/technical skills.
- Improvement in quality of Projects and presentations in seminars.
- Improvement in personality development of individual student.
- Enhances the scope for career advancement of each student.

D. Quality of Class Room Teaching

The teaching by the faculty in the class, with the effectiveness is signified with learning outcomes. The faculty who motivates, differentiate, make content relevant and leave no student behind are more important. Activating a student oriented rather than a task-oriented classroom requires more of connect, a professional relationship with the student. Critical thinking must be one of the prime qualities of the student as it is among the first causes of change.

Efforts to keep students engaged in the classroom

- Recap of previous lecture

- Outlines of the current session.
- Learning goals and focusing on related course outcomes of the session
- Revision of lecture
- Legibility in writing on the board (letter size and thickness)
- Board Planning & Management - with the static part holding important concepts.
- Use of ICT tools in the classroom
- Clarity in using terms and abbreviations
- Illustration and use of relevant and real-life examples
- Linking lecture with previous and next lectures

E. Student feedback of teaching learning process and action taken

Purpose of Student feedback

In the pursuit of continued academic program quality and excellence and framing the curriculum to suit the academic and industry front, the students will play a very vital role and it emerges the following. Student feedback should be a key feature of any Institutes quality management processes and has two main purposes.

1. The enhancement of the student experience 2. To assure the Institutes standards and quality of its provision Our Institutes Procedure to obtain Student Feedback The following principles were set out by the Student Feedback and delineate the basis for obtaining and using student feedback within the Institution.

- Enhancing the student experience relies on improvement being made during the period of study for students whose views are listed.
- Students are expected to adopt a responsible and thoughtful attitude when providing feedback.
- Methods of collecting student feedback should seek to ensure that the student is able to express their views freely without fear of being disadvantaged and that the method of collection and analysis is free from the risk of distortion and manipulation.
- Methods of collecting student feedback should be appropriate to both purpose and situation.

Student feedback within the Department will be pursued through a strategic approach to the collection of student views. The

framework will make ensure that student opinion is gathered in a structured way throughout the department and avoid duplication.

The Feedback mechanism has been designed to be comprehensive in terms of its coverage of various areas of assessment and also the stakeholders. Feedback is collected from students, parents, alumni, industry/Institutions, Academic peers and Faculty.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the 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://ksrce.ac.in/index.php/page?id=536&item=478
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

The list of activities conducted for the promotion of gender equity during the year 2020-2021 are listed below

1. Aprogram onCORONAVIRUS ACTIVITY conducted online on 16.05.2021

2.CORONAVIRUS AWARENESS program organised through online on 20.05.2020

3.ONLINE WEBINAR YOGA PROGRAM conducted on 18.07.2020

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)

- **Inside the campus, the waste collection method is steamlined in the way that the waste are separated as degradable waste and non-degradable waste at the source and usable points. The classifiedwaste are sent to the respective disposable and recyclable points on daily basis.**
- **e-wastes are collected and disposed to recycling once in a year based on the stock and maintenence report.**

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

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	View File

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	A. Any 4 or all of the above

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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

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

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

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

- **Institute has a long tradition of introducing and teaching the courses like Professional Ethics, Total Quality Management, Environmental Science and Engineering,**

Universal Human Values and Undestanding Harmony etc.to students.

- **The NSS volunteers of this institute serves to the neibouring village with village adaption program.**
- **Tiruchengode, where this institute located have got lot of technical manpower in various discipline through which the socio-economic status was raised to certain extend.**

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:

1.CORONA VIRUS VOLUNTEER WORK was carried out at Krishnagiri district on 25.06.2020

2.Election duty volunteer work was carried out by our students at Tiruchengode on 06.04.2021

3.TREE PLANTATION activity carried out through online on 16.04.2021

4.FOOD DISTRIBUTION WORK was performed at Krishnagiri district on 05.05.2021

5.MASK AND SANITIZER DISTRIBUTION WORK was carried out at Krishnagiri district on 10.05.2021

6.CORONA VIRUS AWARENESS program organised at Krishnagiri district on 15.05.2021

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,	**A. All of the above**

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

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	No File Uploaded
Any other relevant information	No File Uploaded

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

K.S.R. College of Engineering celebrates the following important days regularly.

- **Republic Day**
- **Womens Day**
- **Anti-Tobacco Day**
- **Science Day**
- **Independance Day**
- **Pongal Festival**
- **SportsDay**
- **College Annual Day**
- **Graduation Day**

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	**No File Uploaded**
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

Best Practice-1

Title: Effective Learning through Efficient Teaching

Objectives

- **To develop interactive class room teaching to bring out inherent academic knowledge of the students.**
- **To provide learning materials and assessment of learning.**
- **To offer hands on experience.**

The Context

Quality teaching is important for producing the intellectual capital and to compete with other countries. It is important to create the classroom teaching in an interactive way by faculty members. Also, it is essential to provide the learning materials to the students at various possible locations everywhere in the campus.

The Practices

- **Providing good learning environment with neat & comfortable seating, Board & marker and uninterrupted power supply for electrical appliances like LCD, OHP, lighting and ventilation.**
- **Rest room and purified drinking water facilities are easily accessible.**
- **Academics, industrial experts and alumni are involved in framing curriculum and syllabus.**
- **Teaching with live cases and examples for easy**

understanding and creating opportunities to students to interact with their opinions.

- Learning materials are provided on the first day of every semester and accessibility to on and off-campus sources.
- Value added courses/frequent guest lectures/invited talks by the practitioners are arranged to give more exposure on real time challenges and industrial practices.
- Field/Industry visits and Internship training provides hands on experiences to the students which makes them to have rich understanding in their area of interest.
- Fully fledged laboratories are available in all disciplines to the students to experiment their own innovative ideas.
- Students are given opportunity to do industrial research projects.
- Hi-tech language laboratory is available with latest software to improve students' communication skills in both oral and written.
- It is a regular practice to encourage the students to make presentations in National/ International seminar and conferences.
- Mentoring, Counseling, One to one contact remedial classes has been conducted to give due attention to the slow learners.
- Question bank is given to the students.
- Provision of 'HOD hour' is given in regular academic schedule to address the grievances of the students and sturdy remedies have been taken immediately to sort out their issues.
- GATE Coaching classes are arranged for students at free of cost to enable them to go for higher studies or to place in Public Sector Units (PSU).

Evidence of success

- Students' confidence levels on subjects are improved.
- Curriculum and syllabus is at par with industry needs.
- Students are aware of latest technology know how in the respective field of interest.
- Students' communication and presentation skills are developed and reflected in the various competitions and placements.
- The academic and non-academic performances of slow learners are improved.
- Students are free off academic and non-academic issues hence percentage of attendance is much improved and they are able to concentrate more on their career developmental

activities.

- Number of participants in GATE examination is increased; few have cleared and gone for higher studies with stipend in reputed institutions.

Problems Encountered and Resources Required

- Faculty members need orientation on interactive teaching methods.
- Training all the faculty members in preparation of course materials and make it online access.
- To motivate the students to be creative.
- Students training required in online access.
- Financial commitment by the Management.
- Facilities for preparation, uploading and sharing the course materials, and to access the course materials at various locations inside the College.

Best Practice-2

Title: Decentralized Administration

Objectives

- Introduction of decentralized administration to facilitate quick decision making related to academic and administrative activities.
- To ensure complete transparency and to take prompt and systematic follow up actions.
- To minimize the work burden of the superiors.
- To generate more opportunities in the growth and self-development of faculty members by including them in the various administrative committees.
- To promote the managerial and administrative skills of the faculty to take up leadership positions by delegating the power and responsibility.

The Context

- Decentralized administration makes it possible for the head of the institution to delegate power and responsibility to others and to concentrate on other high level activities of institution.
- Various committees have been formed to facilitate quick decision making related to academic and administrative activities, ensure complete transparency and objectivity

and take prompt and systematic follow up actions. Delegation of responsibility enhances the morale and motivates the subordinates to perform their duties with commitments and improves the overall administrative and academic efficiency of the institution.

- Communication between the head of the institution and subordinates strengthen their relationship and results in smooth administration.

The Practice

The college has Autonomy to execute various academic and administrative activities. Various committees have been framed to review/monitor the functioning of college periodically. The following are some of the best practices.

- Based on the requisitions of the Heads of the department, the new staff members have been recruited by a selection committee.
- Faculty members are promoted in consultation with the Heads of the department.
- Heads of the department are independent to assign the prestigious responsibilities to the right person in his/her department.
- Annual budget required for the department development is prepared by the HOD concerned in consultation with his/her faculty team that enables to prepare the annual budget for the college.
- The purchase committee authorized to finalize the procurement based on the comparative statements prepared by the HODs.
- Heads of the department are consulted for change in intake and addition/deletion of programs.
- Board of Studies members (except university nominee) is selected based on the recommendations of Head of the department.
- The faculty members have organized International/National level seminars and conferences.
- Senior faculty members have a good role to interact with the industries in securing consultancy work and Memorandum of understanding.
- Controller of Examinations is completely independent to take care of all examination related activities.
- Placement cell independently interact with the industries to fill the gap between institution and industry.
- Based on the recommendations of the head of the placement,

value added courses, technical training, soft skills training are given to the students.

- IIPC (Industry Institute Partnership Cell) is free enough to execute its role and to establish collaboration with the industries.

Evidence of Success

- Every year annual budget is prepared and sanctioned funds are utilized for the department developments.
- The college has signed MOU with leading academic institutions and industries at national and global level.
- 243 students are placed in reputed companies during the current academic year.
- Value added coursed are conducted by the departments and technical and non-technical trainings are given to the students to equip them to fit in the industries.
- Through IIPC, the college has collaborated with Siemens Centre of Excellence in Manufacturing through NIT Trichy, etc.

Problems Encountered and Resources Required

- Maintaining uniformity in internal administration.
- Updating existing guidelines to meet ever changing scenario.
- Scheduling to involve the students in different activities becomes a difficult task with in stipulated time period.
- Decentralization may lead to the problem of co-ordination, raise in administrative expenses and multi-level reporting system.
- Creation of more funds to implement MOU with foreign institutions for student, staff exchange programme.
- Technology to automate the entire administrative system.

File Description	Documents
Best practices in the Institutional website	https://www.ksrce.ac.in/admin/file_manager/source/IQAC/Best%20Practices.pdf
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)

- ○ **K.S.R. College of Engineering is recognized for its meritorious students and efforts towards continual improvements with regard to its core vision of student-centered, practically focused quality-learning experience.**
- ○ **College being a most excellent educational institution prepared to meet the challenges of a rapidly changing technical world, the primary focus of the institute is excellence in core mission activities of teaching.**
- ○ **Institution maintains its distinctiveness by blending technology with class room teaching.**
- ○ **College has upgraded the teaching learning process through installation of more ICT enabled smart classrooms.**
- ○ **More numbers of faculty and students are attending SWAYAM/NPTEL online courses.**
- ○ **Competitive examination assistance for GATE, TOEFL, GRE, TANCET, TNPSC, etc. made available to the students those who want higher studies in India and Abroad.**
- ○ **Infrastructure is continuously upgraded at each level such as basic level electricity, Internet service, routers, modems, and personnel to maintain the network.**

File Description	Documents
Appropriate link in the institutional website	https://www.ksrce.ac.in
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

- ○ **Improving the supporting staff Quality by making them to participate in theskill development programs.**
- ○ **Improving the placement opportunities and number of placement by improving the Technical skills of the students.**
- ○ **Through the awareness session and training, increasing the number of studentsappear for the GATE, GRE and TOEFL examinations.**
- ○ **To introduce certificate programs/self-learning courses and study abroad programs.**
- ○ **To encourage faculty to adopt ICT enabled innovative teaching/evaluation methods.**
- ○ **To motivate faculty to enrol/complete doctoral programmes; obtain research guideship; and submit the research proposals to funding agencies.**

- **To motivate faculty and students to participate in extension activities with Government Organisations and Non-Government Organisations.**