



Yearly Status Report - 2017-2018

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 own campus	Yes
Phone no/Alternate Phone no.	04288274213
Mobile no.	9994595475
Registered Email	principal@ksrce.ac.in
Alternate Email	info@ksrce.ac.in
Address	K.S.R. Kalvi Nagar
City/Town	Tiruchengode
State/UT	Tamil Nadu
Pincode	637215

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	10-Mar-2012
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. R.V.M. Rangarajan
Phone no/Alternate Phone no.	04288274741
Mobile no.	9865541428
Registered Email	rangarajan.rvm@gmail.com
Alternate Email	principal@ksrce.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.ksrce.ac.in/admin/file_manager/source/IQAC/AQAR2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://ksrce.ac.in/index.php/page?id=479&item=427

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.09	2017	09-Jun-2017	08-Jun-2022

6. Date of Establishment of IQAC	10-Oct-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
INTERNATIONAL CONFERENCE ON INFORMATION AND	27-Mar-2018 2	80

COMPUTATIONAL SCIENCE (ICICS)		
National Conference on Recent Trends in Information, Communication and Computing Techniques - RTICCT	07-Apr-2018 1	117
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	0	nil	2018 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Regularly updating of regulations and redesigning the curriculum and syllabi for all Engineering programmes according to meet the industries need. Conducting the Board Studies meetings. Conducting the Academic Council meetings. Conducting the General Council meetings on regular basis with members of the committee as a part of Academic review activities. Conducting Faculty Development Programmes for the newly recruited faculty. Conducting communication skill development programmes to the students. Focusing on placement training and Quantitative Aptitude classes for enhancing the career opportunity. Motivational and Career guidance training programmes were offered to strengthen the confidence level of students to pursue their higher studies and for better placement. Periodically the Academic Audit is being conducting twice in a semester and the action taken reports was analysed in the IQAC meetings.

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

Plan of Action	Achievements/Outcomes
To strengthen the extracurricular activities through clubs and societies in the college.	NSS, YRC/RCC and NCC were organized various activities such as Blood donation, social awareness programmes and conducted camps in the adopted village. These activities has made to build the social responsibilities among the students.
To promote the research development activities and the consultancy activities	Department of BioTechnology, Ministry of Science and Technology has sanctioned a Research grant of Rs. 8,00,000 for the Research project entitled "Air Pollution control in and around Tiruchengode town" during the academic year 201718 by Dr. P.Senthilkumar, Principal. SERB, Department of Science and Technology has sanctioned a Research Grand of Rs.50,000 for organizing seminar on " A Platform for Young Electronics Engineer to be an Entrepreneur during the academic year 201718 by Dr. P.Senthilkumar, Principal. TNSCST granted Rs. 10,000 for research project entiteled " Reduction of Noise Pollution in Industry using waste materials" by Dr. V. Balan, Prof. in Machanical dept., during 201718. Revenue of Rs. 7,28,200 by Civil Engineering Department, Rs.83,700 by CSE department and Rs. 1,00,600 by Mechanical Department were generated through Consultancy activities.
To Motivate Faculty Contribution	Faculty members has contributed by publishing 104 Research papers in Peer reviewed International Journals, 10 Research papers in in Peer reviewed National Journals and 86 articles in e-Journals. The various departments of the Institution has filed 17 patents during the academic year 2017-18. Under the Research centre of this Institution, the total of 163 Research Scholars has been registered for the Ph.D. programmes.
To improve the academic results and the graduation rate.	The slow learners are identified and given coaching class. The overall result of the Institution is 95% (UG &

	PG) for the academic year 2017-18.
To create awareness about the higher education opportunities to the students.	The higher education cell has organized awareness programmes such as "Future Education in Abroad" and "Opportunities in Higher Education in overseas".
To organize the national/ International Conferences, National level seminars,Workshops, Guest lectures and Symposiums	One International conference, Five National conferences and seven symposiums and 16 workshops were conducted for the academic year 2017-18.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Academic Council	12-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	18-May-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	05-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Upgradation of the college website with special importance to Management Information System.Communication of important events,news and notification are uploaded periodically to general public through college website.SMS gateway to send important notifications to different stakeholders to the college.Sending attendance and results of the wards to the parents through SMS Biometric attendance for the faculty and staff members of the college.Online attendance entry through MIS.Libman 1.1 smart library management software is designed to handle all type of functions such as updating of stock,Maintenance of Circulation and

OPAC system is used to facilitate for the better management of the library. All type of internal communications from the Principal office to all the departments are send through ecirculars.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	11	BE – AUTOMOBILE	06/05/2017
BE	12	BE – CIVIL	04/05/2017
BE	13	BE – CSE	24/06/2017
BE	14	BE – EEE	07/07/2017
BE	15	BE – ECE	22/07/2017
BE	16	BE – MECHANICAL	24/04/2017
BTech	21	B.Tech. – IT	16/06/2017
MBA	MBA	MBA	22/05/2017
MCA	MCA	MCA	22/05/2017

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	B.E. – AUTO / 11	06/05/2017	16AU623 – Mini Project 16AU671 – Intellectual Property Rights (IPR) 16AU723 – Industrial Training and Seminar 16AU724 – Project Phase – I 16AU774 – Vehicle Dealership Management 16AU775 – Foundation Skills in Integrated Product Development 16AU776	06/05/2017
BE	B.E – CIVIL / 12	17/06/2017	"16CE722-Design	04/05/2017

			Project 16CE821-Project Work 16CE723-In dustrial Training 16HS002-Total Quality Management 16HS 751-Professiona l Ethics and Human Values 16HR352 - Career Devevelopment Skills II	
BE	B.E. - CSE / 13	24/06/2017	16CS116 - Problem Solving Techniques 16CS121 - Computer Practices and Problem Solving Laboratory 16CS216 - C Programming 16CS222 - C Programming Laboratory 16HR251 - Career Development Skills 16CS346 - Object Oriented Programming with C 16CS	24/06/2017
BE	B.E. - EEE / 14	07/07/2017	16HR251 Career Development Skills - I 16HR352 Career Development Skills - II 16HR453 Career Development Skills - III 16HR554 Career Development Skills - IV 16HR655 Career Development Skills - V 16CS346 Object Oriented Programming with C 16C	07/07/2017
BE	B.E. - ECE /	22/07/2017	"16HR251 -	20/07/2017

	15		Career Development Skills - I 16HR352 - Career Development Skills - II 16HR413 - Career Development Skills - III 16HR514 - Career Development Skills - IV 16HR615 - Career Development Skills - V Entrepreneurship Courses 18HS001 - Principles	
BE	B.E. - MECH / 16	24/04/2017	"16IT535 - Programming with C++ and Java 16ME622 - Comprehension and Technical Presentation 16ME623-Industry Internship and Project Phase - I "	24/04/2017
BTech	B.Tech. - IT / 21	16/06/2017	"16IT115 Computer Programming and Problem Solving 16IT122 Computer Programming and Problem Solving Laboratory 16IT123 PC Hardware and Troubleshooting Laboratory 16IT215 Data Structures 16IT313 Object Oriented Programming 16IT322 Object Oriented Progr	16/06/2017
MBA	MBA	17/06/2017	"16BA121 Managerial Communication & Presentation	17/06/2017

			Techniques - Practical 16BA221 Business Application & Modeling Lab 16BA321 Inplant / Internship Report 16BA322 Data Analysis lab 16BA421 Comprehensive Viva Voce 16BA422 Seminar - Emerging Tren	
MCA	MCA	22/05/2017	CA16621 - Project Work	22/05/2017
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Automobile Engineering	23/06/2017
BE	Civil Engineering	23/06/2017
BE	Computer Science and Engineering	23/06/2017
BE	Electronic communication Engineering	23/06/2017
BE	Electrical Electronic Engineering	23/06/2017
BE	Mechanical Engineering	23/06/2017
BTech	Information Technology	23/06/2017
MBA	Master of Business Administration	05/07/2017
MCA	Master of Computer Application	23/06/2017

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
WIPRO PRP TRAINING	03/04/2017	38
E-BOX TRAINING	10/03/2018	75

SOLIDWORKS	20/02/2017	36
Digital Prototyping by using AutoDesk Inventor	09/03/2017	67
Java Programming	06/09/2017	35
PCB Design	21/08/2017	34
Web Designing and Database Management	24/03/2018	40
e-Box - C, Data Structure Java	30/04/2018	36
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	B.E. – AUTO / 11	16
BE	B.E – CIVIL / 12	18
BE	B.E. – CSE / 13	8
BE	B.E. – EEE /14	39
BE	B.E. – ECE / 15	73
BE	B.E. – MECH / 16	41
MBA	MBA	56
MCA	MCA	76
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedbacks are regularly obtained from the faculty members through various modes of interactions. Regular HOD's meeting is conducted to discuss about various activities of the college and to address the different needs and grievances of student, faculties and staff members. Periodical all faculty meeting is conducted to interact with them to know the needs and wants and facilities required to enhance their academic and research skills. Faculty opinion is received through questionnaire in online mode. Informal discussions are also held to derive their response on the various aspects of curriculum development, student development and research improvement. The principal also interacts with the faculty, staff and students informally to collect their opinion on the infrastructures, Curriculum, curricular activities, extra -Curricular activities and research. Guidelines given by the various affiliated bodies such as AICTE, NBA, UGC, Anna University and NCTE are considered for student</p>

development. Active interaction with them through submission of information/data asked, meetings on agenda like examination reforms, pattern of question papers, student details, conferences and meetings are constantly organized and feedback are obtained. The institution has made a conscious effort to shift from the traditional teacher- centric approach to a student-centric one. Experimental learning, participative learning, and problem solving methodologies are used for enhancing learning experiences. The teacher's role is that of a facilitator who supports self development of knowledge, holistic development and skill formation through participatory learning activities such as: Internship/Project Work, Mini-projects, Technical Symposium, Seminars, and workshops and paper presentations etc, Group discussion and seminars, Peer teaching, Tutorials, Modelling, organizing Exhibitions, Intercollegiate and interdepartmental competitions, Interactive guest Lectures, Brainstorming, Role play and industrial visits etc., Free access to the internet and e-journals make them self-reliant and self-regulating learners. Moodle and other learning management systems. Conference halls equipped with IT infrastructure for webinars and video conferencing. Students are involved in various teams of the college such as BOS, planning and evaluation women's empowerment cell etc., Periodical class committee with representatives (minimum of 5 students) of the class is conducted by the senior faculty or head of the department. Students' grievances are redressed and their requirements and expectation on training, guest lectures are fulfilled. Heads of every department will interact with the students in a class periodically to understand the student's requirements. Feedbacks are regularly obtained from the students to enrich the quality factor about the teaching methods, training and development, infrastructure etc., It is obtained through the form of questionnaire and online mode. The principal ensure the performance of the each faculty, if it's not satisfactory appropriate measures will be taken on the faculty through counselling and teacher are encourage taking up knowledge updating programs. The feedback system improves the curriculum and syllabus development. Immediate suitable remedial measures to complaint / grievances are taken by the authority for smooth institutional performance and quality.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	120	26	33
BE	Computer Science and Engineering	120	90	98
BE	Electronics and Communication Engineering	120	95	98
BE	Electrical and Electronics Engineering	120	79	95
BE	Information Technology	60	48	48
BE	Mechanical Engineering	180	128	175

ME	Structural Engineering	18	17	17
ME	Industrial Safety and Engineering	18	13	13
MBA	Master of Business Administration	120	55	55
MCA	Master of Computer Applications (LE)	180	59	59
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	3046	365	273	40	35

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
348	348	4	15	5	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Yes. The Mentoring system of our institution plays a vital role that experienced faculty members are involved in training students who are aspiring to enter the profession of engineering. Mentoring Program is an off shoot of counseling. We have introduced the mentoring programme for the all the students of the college as they are in their transitional period of life. Mentoring programme aims at strengthening the dynamics of caring, sharing and learning -knowledge, skills, attitudes, academic heights, personal growth and professionalism between the mentors and the students. The process of mentoring through the year commences with the nomination of the mentors from the respective departments, printing of the student record, getting acquainted with the student record Mentoring through the Year. Mentor are periodically conduct the meetings to improve the student performance. All the staff members are involved in the process of mentoring. The students are highly encouraged to meet their mentors during the course of the month. Nevertheless, students must meet their mentors once in a month during the allotted time given to them. The mentors are highly encouraged to refer the needy students for counseling and the counselor meets them and helps in their troubled areas of life. As a procedure, the counselor identifies the slow learners and takes extra care to that particular students in the form of special coaching. Mentors along with the mentees discuss the agenda and share their concerns that help them to have a positive understanding about the self and the other. At end of each semester the counselor collects the feedback from students, consolidated the feedbacks and submits a report the principal. Evidence of success is determined by the value outcome of the clients positive thinking, changing the maladaptive behaviors, developing self-help techniques, improvement in the academic results, developing healthy personalities and assuming family and social responsibilities. Thus, Counseling Centre is committed to nurture psychological

healing and growth of the students, staff and the parents on campus.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3411	348	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
10	10	0	10	61

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Principal, KSRCE	Principal	75th Rank in National Level, Top Private Engineering Colleges - Survey conducted by 'Outlook - June 2017
2018	Dr.M.Prakash	Assistant Professor	Infosys-Faculty Partnership Level Award, Chennai
2018	Mr.K.Muthukumaran	Assistant Professor	Infosys-Faculty Partnership Level Award, Chennai
2018	Mr.C.Thirumalaise lvan	Assistant Professor	Infosys-Faculty Partnership Level Award, Chennai
2018	Dr.E.BabyAnitha	Assistant Professor	Infosys-Faculty Partnership Level Award, Chennai
2018	Dr. P.Senthil kumar	Principal	Interaction with outside the World (Department level), K.S.R college of Engineering, Tiruchengode.
2018	Dr.G.Singaravel	Professor	Distinguished Faculty in Engineering in Computer science and Engineering, Venus International Foundation, Chennai
2017	Principal, KSRCE	Principal	IPR award from Anna University, Chennai

2017	Principal, KSRCE	Principal	13th Rank in State Level Survey, Competition Success Review (CSR - GHRDC Engineering College Survey - 2017
2017	Principal, KSRCE	Principal	59th Rank in South Zone, Top Private Engineering Colleges - Survey conducted by 'The Week - June 2017
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	11	VIII/IV	27/04/2018	11/05/2018
BE	12	VIII/IV	27/04/2018	11/05/2018
BE	13	VIII/IV	27/04/2018	11/05/2018
BE	14	VIII/IV	27/04/2018	11/05/2018
BE	15	VIII/IV	27/04/2018	11/05/2018
BE	16	VIII/IV	27/04/2018	11/05/2018
ME	32	IV/II	05/06/2018	14/06/2018
ME	33	IV/II	05/06/2018	14/06/2018
ME	34	IV/II	04/06/2018	14/06/2018
ME	34	IV/II	04/06/2018	14/06/2018
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
102	3327	3.07

2.6 – Student Performance and Learning Outcomes

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

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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage

36	ME	Industrial Safety Engineering	10	10	100
34	ME	Construction Engineering and Management	7	7	100
33	ME	Computer Science Engineering	5	5	100
32	ME	Communication System	1	1	100
16	BE	Mechanical Engineering	272	268	98.53
15	BE	Electronics and Communication Engineering	135	121	89.63
14	BE	Electrical and Electronics Engineering	112	108	96.43
13	BE	Computer Science Engineering	135	123	91.11
12	BE	Civil Engineering	185	184	99.46
11	BE	Automobile Engineering	113	106	93.81
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2.7 – Student Satisfaction Survey

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

<https://www.ksrce.ac.in/index.php/page?id=538&item=480>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

No

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Principal, KSRCE	IPR award	13/07/2017	Anna University,

[View File](#)**3.2 – Resource Mobilization for Research**

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	AICTE ISTE	300000	0
Any Other (Specify)	365	SERB	50000	50000
Students Research Projects (Other than compulsory by the University)	365	TNSCST	10000	10000
Major Projects	1095	DBT	800000	600000

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

4

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	Nil

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Dr. S.Senthil kumar	Interaction with outside the world	KSRCE	22/02/2018	Department level
Dr. V.Revathi	Maximum number of consultancy completed	KSRCE	22/02/2018	Department level
Principal, KSRCE	IPR award from Anna University	Anna University, Chennai	13/07/2017	IPR
Principal, KSRCE	13th Rank in State Level Survey	Competition Success Review (CSR – GHRDC Engineering College Survey – 2017	28/09/2017	COLLEGE SURVEY

Principal, KSRCE	59th Rank in South Zone	Top Private Engineering Colleges - Survey conducted by 'The Week - June 2017	15/09/2017	COLLEGE SURVEY
Principal, KSRCE	75th Rank in National Level	Top Private Engineering Colleges - Survey conducted by 'Outlook - June 2017	18/08/2017	COLLEGE SURVEY
Dr.M.Prakash	Faculty Partnership Level Award	Infosys	12/07/2017	Faculty Award
Mr.K.Muthukumaran	Faculty Partnership Level Award Infosys-Faculty Partnership Level Award	Infosys	12/07/2017	Faculty Award
Mr.C.Thirumalaiselvan	Faculty Partnership Level Award	Infosys	12/07/2017	Faculty Award
Dr.E.BabyAnitha	Faculty Partnership Level Award	Infosys	12/07/2017	Faculty Award

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	30/06/2018
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Automobile Engineering	1
Civil Engineering	1
Electronics Communication Engineering	1
Computer Science Engineering	4
Information Technology	2
Master of Computer Application	4

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

Type	Department	Number of Publication	Average Impact Factor (if any)
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International	Automobile Engineering	6	1.32
International	Civil Engineering	16	1.32
International	Computer Science Engineering	20	1.32
International	Electronics Communication Engineering	14	1.32
International	Electrical and Electronics Engineering	12	1.32
International	Information Technology	28	1.32
International	Mechanical Engineering	18	1.32
International	Master Business Administration	15	1.32
International	physics	2	1.32

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

Department	Number of Publication
NIL	0
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Mechanical Testing on Glass Fiber Reinforced with Jute Fibre Composites	Filed	201741024638	11/07/2017
Friction Stir Welding of Austenitic Monel-Ti Shape Memory Alloys	Filed	201741028814	14/08/2017
Performance Evaluation of AA6063-TIC Composite Piston on IC Engines	Filed	201741027604	03/08/2017
Mechanical Vibration Analysis of a Boring Bar in Boring Operation	Filed	201741036296	04/10/2017
Experimental Studies on TIG Welding of 304 Austenitic Stainless	Filed	201741041815	21/11/2017

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Effect of aluminium oxide nano particles blended pongamia methyl ester on performance , combustion and emission characteristics of diesel engine	Mr.M.Sivakumar	Renewable Energy Science Direct	2018	3	KSRCE	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Effect of aluminium oxide nano particles blended pongamia methyl ester on performance , combustion and emission characteristics of diesel engine	Mr.M.Sivakumar	Renewable Energy Science Direct	2018	0	1	KSRCE

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

Number of Faculty	International	National	State	Local
Presented papers	829	89	0	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Testing of construction materials	Private agencies	78200
Civil Engineering	Standard penetration test for construction of commercial building at Erode	KVR Hotels, Karur	50000
Civil Engineering	Standard penetration test for construction of Commercial building at Erode	G.K Constructions	200000
Civil Engineering	Standard penetration test for construction of college building at Erode.	Arun Associates, Namakkal	150000
Civil Engineering	Standard penetration test for construction of Residential building at Erode	Bharani Construction	250000
Computer Science Engineering	CWE Clerk Mains Online Exam	Tata Consultancy Services Limited,Mumbai.	37100
Computer Science Engineering	PG NEET Online Exam	Tata Consultancy Services Limited,Mumbai.	29300
Computer Science Engineering	GATE Online Exam	Tata Consultancy Services Limited,Mumbai.	17300
Mechanical Engineering	Design and Fabrication of Panel Board	GRP Industries, Solar,Erode-2	100600
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0

No file uploaded.

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Volunteer Work	Isha Yoga Centre Coimbatore	2	15
Blood Donation Camp	KSR College Of Dental Science	2	50
Volunteer Work	Local Temple,Thir uchengode	2	50
Blood Donation Camp	HMT Lab, Mechanical Block	2	70
NSS Special Camp	Sooriyampalayam Village, Thokkavadi	2	50
A 10 day Combined Annual Training camp	11 (TN) Signal Coy NCC, Salem	1	39
New NCC Cadet Enrollment	KSRCE	1	43
Clean India Program (SwachhBharath Mission)	Government Boys Higher Secondary School, Tiruchengode	1	100
Clean India Program (SwachhBharath Mission)	Kokarayanpettai village	1	100
Thirukayanam	KSRCEGround (Breeze Land)	2	50
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activities
SwachhBharath Mission	KSRCE/ Government Boys Higher Secondary	Clean India Program	1	100

	School, Tiruchengode			
Clean India Program	KSRCE-Kokaray anpettai village	Clean India Program	1	100
Blood Donation Camp	11 (TN) SIGNAL COMPANY NCC, SALEM	NCC	1	60
Tree plantation	KSRCE	NCC	1	100
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Energy Auditing in Textile Mill	Dr.P.Suganya	Jaya Murugan Textile Mill	10
Energy Auditing in Textile Mill	Dr.P.Suganya	Maha Ganapathy	15
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship Training	LARSEN AND TOUBRO	25/01/2018	10/03/2018	RISHI KANISHKAR R
Internship	Internship Training	LARSEN AND TOUBRO	25/01/2018	10/03/2018	VIJAYAKUMAR A
Internship	Internship Training	S M BUILDERS, SIVAGANGAI	08/02/2018	18/05/2018	SUGASHINI R K
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Infosys campus connect, Bangalore	18/01/2018	Providing placements, internship and Industrial Visit opportunities	12
E-Procto	18/04/2017	Providing	15

		placements, internship and Industrial Visit opportunities	
sertel electronics pvt ltd chennai	10/04/2018	updated knoledge to the students	6
Virtusa	02/03/2018	Students Training	7
Neptune Automation Pvt. Ltd.,	19/01/2018	To establish partnership on educational and research programs	12
Ponni Sugars, Erode	10/04/2014	Providing placements, internship and Industrial Visit opportunities	15
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
150	171.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LibMan 1.1	Fully	LibMan 1.1	2000

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	76228	27979635	1726	716422	77954	28696057
Reference Books	5171	4807743	85	73750	5256	4881493
e-Books	363	157539	1700	99656	2063	257195
Journals	117	1324816	305	1001439	422	2326255
e-Journals	2549	1340406	2171	911834	4720	2252240
Digital Database	1	80500	0	11500	1	92000
CD & Video	7265	0	105	0	7370	0
CD & Video	195	25488	17	2450	212	27938
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	30/06/2018
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1384	35	124	3	17	13	9	124	0
Added	40	1	0	0	0	0	0	0	0
Total	1424	36	124	3	17	13	9	124	0

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

124 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
IEEE ASPP (All Society Periodicals)	https://ieeexplore.ieee.org/Xplore/home.jsp
ASCE (American Society of Civil Engineers)	https://ascelibrary.org

Springer Link	http://nlist.inflibnet.ac.in/downloads.php
EBSCO Management Collection	https://search.ebscohost.com
World e Book Library	https://database.worldlibrary.org/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
339.85	355.81	168.5	285.08

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

• The college has maintenance committee that oversees the maintenance of buildings, classrooms and laboratories. • The maintenance committee is efficiently organizes the workforce for maintaining physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms, etc. in periodical manner. The maintenance team of the college conducts periodic checks to ensure the efficiency / working condition of the infrastructure. • Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staffrooms, Seminar halls and Laboratories, indoor stadium, etc are cleaned and maintained regularly by Non-teaching staff assigned for blocks / buildings. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. • Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance work (AMW). The AMW purview includes maintenance of Generator, Air Conditioners, CCTV cameras and Water Purifiers. The College has trained in-house electricians and plumbers. • Lab assistants / technicians under the supervision of the System administrator maintain the efficiency of the college computers and accessories. • Parking facility is well organized. It is efficiently maintained by the college maintenance committee. • The campus maintenance is monitored through surveillance Cameras. • Every department maintains a stock register for the available equipment. • Proper inspection is done and verification of stock takes place at the end of every year. • The civil and electrical work is adequately monitored and maintained by the Estate office. • Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the principal office. The requirements are collectively processed in every semester-break or then and there so as to keep things ready for the new semester. • Pest Control of library books and records is done every semester by the library maintenance team. • Estate officer and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house-keeping. • The non-teaching staff is also trained in maintenance of science and computer equipment. • Besides, the respective block in-charges are requested to report about the progress of the workers look after the maintenance of rest rooms, approach roads and neatness of the entire premises. Housekeeping services are regularly executed and monitored.

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

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 – Student Support****5.1.1 – Scholarships and Financial Support**

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Old Students,sports, Kongu trust	324	3942039
Financial Support from Other Sources			
a) National	BC/MBC/BCM/SC/ST Scholarships, First graduate	1932	17911720
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga and Meditation	12/02/2018	15	Isha Yoga Centre
Personal counseling and Mentoring	14/07/2017	22	Faculty Members
Soft skill Aptitude	12/09/2017	235	Six Phrase Training
Soft skill Aptitude	05/09/2017	217	Six Phrase Training
Soft skill Aptitude	23/08/2017	529	Six Phrase Training
Soft skill Aptitude	04/08/2017	324	Six Phrase Training
Soft skill Aptitude	31/07/2017	450	Six Phrase Training
Remedial coaching	14/07/2017	158	Faculty Members
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Six Phrase Training	Nill	235	Nill	442
2018	Six Phrase Training	Nill	217	Nill	Nill

2018	Six Phrase Training	Nill	529	Nill	Nill
2018	Six Phrase Training	Nill	324	Nill	Nill
2018	Six Phrase Training	Nill	450	Nill	Nill
2018	Guest Lecture On Higher Education in GATE/CAT/TAN CET/MAT	150	Nill	Nill	Nill
2018	Guest Lecture On Higher Education in over seas	Nill	150	Nill	Nill
2018	Guest Lecture On Higher Education in GATE/CAT/TAN CET/MAT	150	Nill	Nill	Nill
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
5	5	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
136	689	303	65	689	139
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	Nill	BE	AUTO	Coimbatore Institute of Technology	ME
2018	Nill	BE	ECE	SonaCollege of Technology	MBA

2018	Nill	BE	EEE	Bannari Amman Institute Of Technology	MBA
2018	27	BE	MECH	Centennial College, Canada	M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	35
View File	

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

Activity	Level	Number of Participants
KABADI (MEN)	ERODE ZONE LEVEL	130
KHO-KHO (MEN)	ERODE ZONE LEVEL	120
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Gold Medal	National	1	Nill	1412014	R. ARJUN
View File						

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

The Student activities through Chapters Such as ISHRAE, SAE, ICTACT, CSI, IEEE, PALS-IIT Madras, IIC Chapters and also Other chapters functions to motivate the students to participate in Events, Design Contest, Projects, Workshops etc. • These Student Chapters also develops the Leadership quality of the students and to prove their talents through different contest. • Various programs like paper presentations, workshops and seminars are organized by these bodies every year. • Each council has a representative council, which is called Class Committee and includes student members also involved BOS committee. • Coordination in organizing Cultural events • Coordination in organizing Sports Games for the students • Coordination in arranging Industrial Visits for the students • Coordination in inviting the external guest speakers and organizing the Seminars Workshops.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

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

1400

5.4.4 – Meetings/activities organized by Alumni Association :

70 saplings donated by alumni were planted during the academic year 2017-2018.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Participative Management The college promotes the participative management. The principal, in turn discusses the academic related matters with the Heads of the department and a decentralized functioning mechanism empowers the departments with a great level of flexibility in academic administration. Participative management is encouraged by including Heads of the Department/Senior faculty members in statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies, Disciplinary Committee, Anti Ragging 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 Board of Studies, Result Passing Board Meeting, Placement Training to the students and deliver Guest lecturers to share their expertise.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? Well stacked central library ? Active readers club is started to encourage the students to improve their reading habits. ? Computerized student entry system. ? The physical infrastructure of the Library has been enhanced through various sections like Lending Section, Reference Section, GATE Section, Journal Section, Group Discussion Rooms and Civil Services Study Centre. ? For e-learning Multimedia Library is available. ? Specialized Software tool is used for transactions and tracking. ? Journal section and e-Journals of major professional bodies and publishers are available. ? 24x7 Wi-Fi Facility.
Admission of Students	? College is following the government norms for admission procedure through

counselling. ? The government admission policy is strictly adhered.

Industry Interaction / Collaboration

? Signing of MoU and membership with various industrial bodies like CII, CODISSIA, EEDISSIA, BSNL and All India Management Association to transform the students to get a significant exposure about industrial developments. ? Designing of industry based curricula and syllabi. ? Students and faculty are empowered with industrial knowledge by strengthening the interaction with industry through In-plant training, industrial visits, projects, consultancy, value added courses, professional certification courses, guest lectures etc. ? Centres of Excellence for hands on learning and one credit courses handled partly by industry experts and partly by the internal faculty. ? Industry expert personnel as BoS members involved in the revision of curriculum and syllabus. ? Project Proposals submitted to various funding agencies in collaboration with industries.

Human Resource Management

? Faculty and Staff are encouraged to participate in self-development programmes. ? Providing employees with individual and family welfare schemes. ? Administration supports to faculty, staff and students with necessary and relevant support to optimize their work. ? Faculty members are assigned responsibilities to organize curricular, co-curricular and extra-curricular activities. ? Assessing performance through annual self-appraisal for promotion and incentives. ? Motivating faculty members to undertake training in national level reputed institutions like IIT, IISC NIT etc., for enhancing their quality of teaching and research. ? Managing student affairs, student grievances and requirements through class committee, personal counselling and student association activities.

Examination and Evaluation

? Continuous evaluation through different modes like internal assessment, assignments, presentations, projects etc. ? Question papers are verified for Bloom's level and distribution of questions. ? Collecting feedback on question paper from subject experts and also faculty handling the course to improve the quality of

questions. ? Conducting Central valuation for end semester examinations. ? Evaluation of answer scripts by the experienced examiners. ? Results processing fully computerized and published on college website. ? Provisions for the request of re-totalling / revaluation of answer scripts of end semester examinations within the stipulated period.

Teaching and Learning

? Improvement of teaching - learning process through Outcome Based Education (OBE), NPTEL, Video Conferencing etc. ? Provision of one credit courses and Value Added Courses ? The college has the strategy of including inputs from expert of various industries and academic institutions to improve the teaching-learning process. ? Systematic deployment of the courses using design documents, such as ? Conventional lectures ? Power point and Video presentations ? Demonstrations and hands on training ? Practical work ? Special lectures by subject experts ? The course on teaching pedagogy is conducted on need basis to adopt innovation in teaching and learning. ? Special classes for slow learners to improve their performance. ? Improving the student evaluation process by following the Bloom's Taxonomy.

Curriculum Development

? Curriculum development is done based on the inputs from all the stakeholders. ? Greater emphasis on design oriented teaching. ? Greater exposure to industrial and manufacturing processes. ? Outmoded technologies are replaced by new appropriate and emerging technologies. ? Using ICT tools for better learning experience with web contents from NPTEL, open courseware and instant assessment and evaluation. ? Greater emphasis given to professional communication skills. ? Subjects related to life science are also included. ? Choice Based Credit System to enable students to select subjects. ? Electives are included in the curriculum based on area or module specialization. ? Mathematics, Physics and Chemistry are department specific.

Research and Development

? 09 departments of KSR College of Engineering are Approved Research Centre's of Anna University, Chennai. ? Under this Centre there are 34 Research

Supervisors guiding the scholars in various disciplines. ? Under this Centre 108 scholars awarded Ph.D. degree and 161 scholars are pursuing the Research. ? Undertaking various funded projects. ? Encouraging faculty members to interact with industries to address real-world problems. ? Creating opportunities for interested students in research activities. ? Encouraging innovations, research publications and facilitating the protection of Intellectual Property Rights (IPR). ? To increase the developmental research activities, outstanding researchers are encouraged

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

E-governance area	Details
Finance and Accounts	Implemented in the year 2017 and the link of relevant website / document is http://ksrce.ac.in/index.php/page?id443item141
Student Admission and Support	Implemented in the year 2017 and the link of relevant website / document is http://ksrce.ac.in/index.php/page?id352item322
Examination	Implemented in the year 2017 and the link of relevant website / document is http://ksrce.ac.in/index.php/page?id68item48
Planning and Development	Implemented in the year 2017 and the link of relevant website / document is http://ecampus.ksrce.ac.in/ecampus/
Administration	Implemented in the year 2017 and the link of relevant website / document is http://ksrce.ac.in/index.php/page?id30item10

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Mr. N.Vivek	E-Mobility and Innovations in Sheet Metal Forming.	KSRCE	4529
2017	M.Karthick	E-Mobility and Innovations in Sheet Metal Forming.	KSRCE	4529

2017	Mr.P.Janarthanan	E-Mobility and Innovations in Sheet Metal Forming.	KSRCE	4529
2017	Mr.P.Jagadeesh	Seven days GDJP Anna University Chennai	KSRCE	20000
2018	Mrs. R. Poornima	Indian Institute of Information Technology and Management, Kerala	KSRCE	6000
2017	Mr.C.Karthik Mr.M.Jothimani	FDP on "EE6602 Embedded Systems Velalar College of Engineering Technology, Thindal	KSRCE	4000
2017	Mr. P.Kanakarajan	National Conference	KSRCE	1130
2017	Mr. M.Anbalakan	E-Mobility and Innovations in Sheet Metal Forming.	KSRCE	4529
2017	Mr. M.Tamilarasan	E-Mobility and Innovations in Sheet Metal Forming.	KSRCE	4529
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Recent Advances in structural Environmental Engineering (RASEE 2K17)	NIL	08/09/2017	08/09/2017	250	Nil
2017	PALS IITM - RuTAG FDP	NIL	16/10/2017	16/10/2017	1	Nil

2017	PALS IITM - innOWAH	NIL	10/08/2017	10/08/2017	6	Nil
2017	Gas dynamics and jet propulsion / FDP	NIL	04/12/2017	10/12/2017	25	Nil
2018	The effe ctiveness of faculty induction / refresher programme / STTP	NIL	18/06/2018	23/06/2018	40	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on CE6603-Design of steel structures	11	27/11/2017	03/12/2017	7
Recent Advances in Cryogenics and its Industrial Applications	1	06/10/2017	07/10/2017	2
Hydrogen Fuelled Vehicles Supported by TNSCST	1	18/08/2017	18/08/2017	1
Quality Improvement Programme of "Internal Combustion Engines"	4	27/11/2017	01/12/2017	6
National Seminar on Design of Experiments in Bio process optimization	1	04/01/2018	05/01/2018	2
Recent Innovations in Advanced Material	2	30/03/2018	31/03/2018	2

Science (RIAMS-18)				
Recent Advances in Mechanical Engineering (RAME-18)	11	22/03/2018	22/03/2018	1
National level workshop "Recent Advances in Structural and Environmental Engineering" (RASEE - 2K17)	25	08/09/2017	08/09/2017	1
Workshop on various AICTE initiatives for Technical Institution	1	19/12/2017	19/12/2017	1
National level seminar on "Current trends prospects and challenges of swatch bharat"	6	14/09/2017	15/09/2017	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	0	3	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
? Contribution for Employees Provident Fund (EPF) ? School Admission to the Wards with fee concession ? Medical Insurance ? Staff Club ? Incentive for Consultancy and Research Activities ? IIT Madras PALS Tie-up for Faculty Quality enhancement. ? Free Transport Facility ? Guest House for visiting faculty ? Casual and Medical Leave ? On Duty and Seed Money ? Special On Duty ? Vacation Leave ? Maternity Leave scheme	? Contribution for Employees Provident Fund (EPF) ? School Admission to the Wards with fee concession ? Medical Insurance ? Staff Club ? Free Transport Facility ? Casual and Medical Leave ? On Duty and Seed Money ? Vacation Leave ? Maternity Leave scheme ? Quarters Facility ? Hygienic Canteen Facilities ? 24x7 Hospital ? Safety and Security personnel	? IIT Madras PALS Tie-up for students skill / personality development. ? Free Transport Facility. ? Participation in Co-curricular and Extra Curricular Activities. ? Medical Insurance for students and Parents. ? Hygienic Canteen Facilities. ? 24x7 Hospital. ? Safety and Security personnel. ? Student Counselling. ? Sports and Gym Facilities. ? Library Book Bank.

? Quarters Facility ?
Hygienic Canteen
Facilities ? 24x7
Hospital ? Safety and
Security personnel

6.4 – Financial Management and Resource Mobilization

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

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

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Aarthi Educational charitable Trust, KSRCE, CSI-SALEM CHAPTER,ISTE CHAPTER, SERB	1745846	Conducting seminar, workshop, guest lecture, symposium, parents meeting and purchase of equipments.
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6.4.3 – Total corpus fund generated

541808

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Duly appointed by the Principal	Yes	IQAC
Administrative	Yes	Chartered Accountant	Yes	Principal

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

Parent - Teacher Association is functioning well in the Institution. Fruitful suggestions from parents during the parents meeting have empowered the administration to recognize their hopes and implement their suggestions for the healthier functioning of the institution.

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

Permission is granted to do higher studies and to attend skill development programmes in their respective fields as given below: ? Provision for part-time study for staff members. ? Staff development programmes are conducted. ? Awareness workshops and seminars. ? Soft skills training programmes are also provided to the supporting staff members.

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

NBA renewal work progress going on Computer Science and Engineering, Electronics and Communication Engineering Electrical and Electronics Engineering, Mechanical Engineering departments.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	National Conference on Recent Trends in Information, Communication and Computing Techniques	07/04/2018	07/04/2018	07/04/2018	117
2018	International Conference on Information and Computational Science	27/03/2018	27/03/2018	28/03/2018	81
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Thirupathi Srinivasa Thirukalyanam	28/01/2018	28/01/2018	4	46
Library	08/02/2018	08/02/2018	4	46

Cleaning				
Blood Donation Camp	01/03/2018	01/03/2018	15	65

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

Percentage of power requirement of the University met by the renewable energy sources
About 7 percentage of total power consumption met by Solar power.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	1
Ramp/Rails	Yes	4
Rest Rooms	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	12/03/2018	6	Special camp	Education and Cleaning	50
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Vol. V: IQAC Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. VI: Research Promotion Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. VII: Consultancy Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all

		policy manuals.
Vol. VIII: IPR Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. IX: Library Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. X: Information Technology Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. XI: Energy and Environment Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. XII: Hostel Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. XIII: Grievance Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. I: Human Resource Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. II: Disciplinary Policy Manual for Students	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has

		been updated with all policy manuals.
Vol. III: Training and Placement Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.
Vol. IV: Anti-Ragging Policy Manual	03/07/2017	1. All communication to the stakeholders contains their respective policy manual information. 2. Institute website has been updated with all policy manuals.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NIL	01/07/2017	30/06/2018	Nil
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plastic free campus. 2. Landscaping and greenery increased. 3. Increased the solar power consumption. 4. LED lamps usage increased. 5. Vehicle parking at the entrance and students vehicle not allowed inside the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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 training to students. The Context
 Quality teaching is important for producing the intellectual capital and to compete with other professionals across the world. 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 to enhance the quality of learning. 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 case studies and examples for easy understanding and creating opportunities to students to interact. ? 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 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, Counselling, One to one contact remedial classes are 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 in globally 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. ? Facilities for preparation, uploading and sharing the course materials, and to access the course materials through ICT facilities. 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. ? To promote the managerial and administrative skills of the faculty to take up leadership positions. The Context ? Decentralization provides freedom to makes faculty to involve more in their activities. This increases the responsibility and work outcome. Evidence of Success ? Every year annual budget is prepared and sanctioned funds are utilized for the department developments. ? Organized many student's enrichment programs like national level technical symposium / seminar / conferences/guest lecture/workshop by the departments. ? The college has signed MOU with leading academic institutions and industries at national and global level. ? End semester examinations are conducted as per the calendar and results are published in time. ? More numbers of students are placed in reputed companies during the current academic year. ? Value added courses are conducted by the departments. 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 Infosys, ICTACT, EDC, EMC2 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.

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

<https://ksrce.ac.in/index.php/>

7.3 – Institutional Distinctiveness

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

Infrastructure is continuously upgraded at each level such as basic level

electricity, Internet service, routers, modems, and personnel to maintain the network. More numbers of faculty and students are attending SWAYAM/NPTEL online courses and competitive examination assistance like GATE, TOEFL, GRE, TANCET, TNPSC, etc. provided to the students those who are interested in higher studies in India and Abroad. College has upgraded the teaching learning process through installation of more ICT enabled smart classrooms. Institution maintains its distinctiveness by blending technology with class room teaching. 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. K.S.R College of Engineering is recognized for its meritorious students and efforts towards continual improvements with regard to its core vision of studentcentered, practically focused quality-learning experience.

Provide the weblink of the institution

<https://ksrce.ac.in/index.php/>

8.Future Plans of Actions for Next Academic Year

NBA Accreditation for eligible programmes Improving the placement opportunities to students Increase the number of students to appear in the GATE and TOFEL examinations Introduce international valid certificate programmes/self-learning courses and study abroad programmes Encourage faculty to adopt ICT enabled innovative teaching/evaluation methods Motivate faculty to enroll/complete doctoral programmes obtain research supervisors and submit the research proposals to funding agencies Motivate faculty and students to participate in extension activities with Government orgranisations and Non-government organisations Motivate the students to do projects and obtain patents Improving the staff quality by making them to participate in various skill development programmes.