Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**K.S.R.M. COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Prof. V.S.S.MURTHY**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08562-201488**
Mobile no.	**9885230680**
Registered Email	**principal@ksrmce.ac.in**
Alternate Email	**ksrmcengg@yahoo.co.in**
Address	**Yerramasupalli (V), C.K. Dinne (M), Kadapa-516005**
City/Town	**CUDDAPAH**
State/UT	**Andhra Pradesh**
Pincode	**516005**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**19-Jun-2014**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. B.VENKATA RAMANA REDDY**
Phone no/Alternate Phone no.	**08562201488**
Mobile no.	**9494808622**
Registered Email	**principal@ksrmce.ac.in**
Alternate Email	**drbvrreddy@ksrmce.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.ksrmce.ac.in/iqac/AQAR-2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.ksrmce.ac.in/examportal.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**B**	**2.60**	**2013**	**23-Mar-2013**	**22-Mar-2018**
2	**B+**	**2.68**	**2018**	**02-Nov-2018**	**01-Nov-2023**

6. Date of Establishment of IQAC

01-Sep-2012

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Blooms Taxonomy	14-Aug-2019 03	35
Reassessment of NAAC and discussion on infrastructure	28-Sep-2019 02	22
Meeting of IQAC to discuss NPTEL Courses	01-Jun-2020 02	14
Feedback from students and parents	30-Jan-2020 02	100
Awareness on NAAC New guidelines for Assessment in Accreditation	03-Feb-2020 02	76
Autonomous on spot inspection visit and NAAC AQAR	18-May-2020 02	40
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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
UGC	2f 12 B	UGC	2011 01	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 :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1. Awareness on initiatives for taken on abroad education.

2. Improvement in the system and team work
3. Effective running of online classes to students.
4. Faculty participation in Faculty Development Programmes.
5. Improvement in Research Publications.

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

Plan of Action	Achivements/Outcomes
To increase the overall development of students congenial for industry.	Placements were improved
Awareness on patents in this academic year some faculty filed their patents	Number of patents were filed.
To increase Research culture in the institution	Research Publications were reviewed
To bring awareness on abroad education among students.	Students were motivated and in future course of times our students will study in foreign univ
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
General Body Meeting	**21-Dec-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**08-Feb-2020**
17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The management, Principal and Head of the departments meet frequently to review plans and update academic and administrative matters. Performance of the departments is discussed in meetings of Head of Departments. The information discussed and decisions of management are communicated to the staff of the institution through departmental meetings by head of the respective departments. The management get the information from Academics Branch, Examination Branch, Administration Branch, Accounts Audit Branch, head of the departments, teaching staff and non teaching staff to review the activities of the institution. Management encourages and supports the staff in the decision making process for improvement of the effectiveness and efficiency of the institute.

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
BTech	01(R18 UG)	Civil Engineering	03/06/2019
Mtech	12(R18 PG)	Geo-Technical Engineering	03/06/2019
BTech	02(R18 UG)	Electrical and Electronics Engg	03/06/2019
Mtech	07(R18PG)	Power Systems	03/06/2019
BTech	03(R18 UG)	Mechanical Engineering	03/06/2019
Mtech	53(R18PG)	CAD/CAM	03/06/2019
BTech	04(R18 UG)	Electronics and communication Engg	03/06/2019
Mtech	38(R 18 PG)	Digital Electronics and Communication Systems	03/06/2019
BTech	05(R18 UG)	Computer Science Engineering	03/06/2019
Mtech	55(R18 PG)	Computer Science Engineering	03/06/2019
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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
BTech	Electrical and Electronics Engineering	03/06/2019	Mathematics - III (1821401)	03/06/2019
BTech	Electrical and Electronics Engineering	03/06/2019	Engineering Chemistry (1823102)	03/06/2019
BTech	civil engineering	03/06/2019	Engineering graphics and design (180237)	03/06/2019
BTech	civil engineering	03/06/2019	Building materials and construction (1801306)	03/06/2019
BTech	Mechanical Engineering	03/06/2019	Manufacturing Process (1803304)	03/06/2019
BTech	Mechanical Engineering	03/06/2019	Thermodynamics (1803303)	03/06/2019
BTech	Electronics &Communication Engineering	03/06/2019	Analog and Digital Circuits (180440	03/06/2019
BTech	Electronics &Communication Engineering	03/06/2019	Control Systems (1802404)	03/06/2019
BTech	Computer Science Engineering	03/06/2019	Wireless Sensor (1855104)	03/06/2019
BTech	Computer Science Engineering	03/06/2019	Distributed Systems (1855107)	03/06/2019
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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
Mtech	Computer Science Engineering	03/06/2019
BTech	Computer Science Engineering	03/06/2019
Mtech	Digital Electronics and Communication Systems	03/06/2019
BTech	Electronics and communication Engg	03/06/2019
Mtech	CAD/CAM	03/06/2019

BTech	Mechanical Engineering	03/06/2019
Mtech	Power Systems	03/06/2019
BTech	Electrical and Electronics Engineering	03/06/2019
Mtech	Geo-Technical Engineering	03/06/2019
BTech	Civil Engineering	03/06/2019
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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
BTech	Civil Engineering	03/06/2019
BTech	Electrical and Electronics Engg	03/06/2019
BTech	Electronics & Communications Engg	03/06/2019
BTech	Mechanical Engineering	03/06/2019
BTech	Computer Science & Engineering	03/06/2019

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
Computer Aided Analysis and simulation	19/07/2020	70
Product and process design	13/08/2019	75
Computer aided Steel Structures	19/07/2019	60
3ds max	13/08/2019	70
MATLAB Programming	30/12/2019	80
Personality Development Programme for Engineers	24/02/2020	70
Soft Skills	13/08/2019	100
Android Application Development	10/12/2019	70
Electrical Design Engineering	19/07/2019	70
MATLAB/SIMULINK	10/01/2020	80
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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
BTech	Civil Engineering	160

BTech	Electrical and Electronics Engg	77
BTech	Electronics & Communications Engg	105
BTech	Mechanical Engineering	117
BTech	Computer Science & Engineering	122
Mtech	Geo-Technical Engineering	2
Mtech	Power Systems	7
Mtech	CAD/CAM	2
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum for use in program evaluation, accreditation and other academic quality assurance processes and activities. The scope of this Policy covers all the programs run by K.S.R.M. College of Engineering, KADAPA, Specifically, this Policy provides a framework for: 1. Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of student feedback concerning teaching, learning and assessment. 2. Providing students and stakeholders with the opportunity to actively participate in the continual improvement of programs. 3. Recognizing, documenting, supporting and extending good practices for effective implementations of curriculum provided by affiliating JNTUA, ANANTHAPURAMU. 4. Ensuring the provision of information to students and stakeholders regarding the consideration of feedback collected over time, including actions taken to address concerns raised in any feedback received. Responsibilities • The Academic Coordinator and the Administrative officer are jointly responsible for the collection, analysis and reporting of stakeholder feedback relating to academic programs. • Coordination of responses to feedback will be the responsibility of the Heads of Departments. Policy Provisions General Provisions • All students and stakeholders have the opportunity to provide feedback. • Student feedback is a core component of program evaluation but feedback is also sought from Alumni, Graduates, Parents, Industry partners and Academic peers. • Feedback processes will be systematic, rigorous and respectful of the rights of students and staff and will incorporate strategies to maximize student participation. • A range of feedback mechanisms including surveys, focus groups, informal comments and other participatory activities will be employed as appropriate. Collecting Feedback: • The Institute seeks student feedback in a form which can be captured,

analyzed and reported every time a course is delivered through course end survey. • A core set of questions will form the basis of a survey deployed to systematically evaluate teaching and learning in all UG PG courses. • Stakeholder feedback will be collected as required for specific purposes using methods appropriate for the specific feedback sought. Actions on summarized feedback: • All the feed backs received from various stakeholders are summarized and analysis is carried out at department level. • Recommendations made from the feedback comprise, recommendations to Board of studies for changes in the syllabus of the university and the suggestions made to management on procurement of facilities and equipments. • Recommendations received from the heads are discussed in HODs meeting and forwarded to management for approval/sanctions. The whole objective of the this policy is effective implementation of Curriculum for better learning and continuous improvement of the processes and practices

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
BTech	Civil Engineering	193	74	74
BTech	Electrical and Electronics Engineering	64	57	57
BTech	Mechanical Engineering	128	60	60
BTech	Electronics and Communication Engineering	192	190	190
BTech	Computer Science Engineering	193	188	188
Mtech	GEO Technology	18	10	10
Mtech	Power Systems	18	14	14
Mtech	CADCAM	18	5	5
Mtech	Digital Electronics and Communication Systems	18	6	6
Mtech	Computer Science Engineering	18	5	5

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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	2576	71	168	9	6

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
183	183	13	45	15	11
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)

Since the inception of the institution KSRMCE implements a vibrant Student Mentoring and Performance Monitoring system. The mentoring system is followed strictly as per the AICTE mandate where in each faculty will mentor 15 or 16 students, the faculty will monitor the progress of the students and offer guidance to the students in all the aspects required. The IQAC along with the Mentoring and Performance Monitoring Committee of the institute has prepared a mentor book, from the enrolment of the student with the institution the mentoring committee will allot every 15 students to a mentor who has to maintain a separate mentoring book for their mentees. These mentors are always approachable at any point of time to the students. The primary objective of mentoring is to build self-esteem in students and bring about a behavioral change whereby they realize their potential and achieve their goals. At regular intervals the mentors will counsel their mentee and update them in their mentor books. Minimum of 4 meetings will be conducted by the Mentor in every semester. The mentor will be continuously monitoring the academic, co - curricular and extracurricular activities of the mentee and well document them in their mentoring record. If the mentee is struggling, the mentor gives proper counseling and also intimates the same to the concern faculty members, HOD to their parents. The career guidance, elective selections are supported by mentors. The Mentor will periodically interact with the parents once in every month and update the continuous assessment test reports and attendance of their ward, it will be noted down in the parent interaction form of each mentee along with the remarks. A periodical review with all the mentors is conducted by the Coordinator, Head of the Departments, IQAC Principal and Director to check the status. A special attention assistance is given to the rural background students till they mingle with the other students without any language / cultural related barriers. In addition to the mentoring program the students are provided with a special mentoring from the Entrepreneurship Development Cell, Career Development Cell, Research Development Cell, Incubation Centre, and Placement Cell of the Institute as and when necessary. The Mentor always boost up their mentees to do internships, participate in various conferences, symposiums, project expo publish papers etc. Mentors will also document their Mentoring success stories and share it with their colleagues. At KSRMCE the teaching and mentoring go in hand in hand, in this context a special and high attention is given to the slow learners, all the mentors identify the slow learner and inform the Head's and also the subject faculties, class teachers for a special care and academic issues. Every year the IQAC Mentoring Committee of KSRMCE is organizing special intensive workshops in order to understand the challenges in mentoring the students and also to update about the innovative perspectives in student mentoring. Services of a Psychologist/Counselor are available on campus for students with special needs.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2576	183	1:14

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

| 183 | 183 | Nill | 24 | 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
2019	R.V.SREEHARI	Associate Professor	TOP PERFORMING MENTOR
2019	N.PRATHAP KUMAR	Assistant Professor	MENTOR
2019	R.V.SREEHARI	Associate Professor	IUCEE International Engineering Educator
2019	DR.D.ARUN KUMAR	Associate Professor	RESOURCE PERSON
2019	K.KALYAN KUMAR	Assistant Professor	TOP PERFORMING MENTOR
2019	R.V.SREEHARI	Associate Professor	SPOC – APPRECIATION CERTIFICATE
2019	Dr.T.KIRAN KUMAR	Professor	EDITORIAL BOARD MEMBER

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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
BTech	01	I SEM	12/01/2020	27/01/2020
BTech	02	I SEM	12/01/2020	27/01/2020
BTech	03	I SEM	12/01/2020	27/01/2020
BTech	04	I SEM	12/01/2020	27/01/2020
BTech	05	I SEM	12/01/2020	27/01/2020
BTech	01	III SEM	14/11/2019	03/12/2019
BTech	02	IIII SEM	14/11/2019	03/12/2019
BTech	03	III SEM	14/11/2019	03/12/2019
BTech	04	III SEM	14/11/2019	03/12/2019
BTech	05	IIII SEM	14/11/2019	03/12/2019

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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
Nill	5025	0

2.6 – Student Performance and Learning Outcomes

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

https://ksrmce.ac.in/cen.php https://ksrmce.ac.in/csen.php
https://ksrmce.ac.in/eeen.php https://ksrmce.ac.in/ecen.php
https://ksrmce.ac.in/mech.php

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
01	BTech	CIVIL ENGINEERING	159	145	91.19
02	BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	77	73	94.81
03	BTech	MECHANICAL ENGINEERING	112	108	96.43
04	BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	114	110	96.49
05	BTech	COMPUTER SCIENCE ENGINEERING	121	99	81.82
12	Mtech	GEO TCHNICAL ENGINEERING	7	5	71.43
07	Mtech	POWER SYSTEMS	13	13	100
04	Mtech	CAD CAM	5	2	40
38	Mtech	DECS	5	4	80
58	Mtech	CSE	4	3	75
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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.ksrmce.ac.in/SSS2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Yes
Name of the teacher getting seed money
Sri P. Suresh Praveen Kumar
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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	Dr. V. Giridhar	Best Teacher	10/12/2019	Institution of Scholars- Bangalore
National	N. RAMANJANEYA REDDY	Elitegold(Top per in 5)	24/01/2020	NPTEL -SWAYAM
National	KADUGURU KALYAN KUMAR	Elitegold(Top per in 5)	22/01/2020	NPTEL -SWAYAM
National	R V SREEHARI	Elitegold	24/01/2020	NPTEL -SWAYAM
National	DURGA PRASAD PUPALA	EliteSilver	28/01/2020	NPTEL -SWAYAM
National	N. RAMANJANEYA REDDY	EliteSilver	24/01/2020	NPTEL -SWAYAM
National	POLICHERLA LAVANYA	EliteSilver	24/01/2020	NPTEL -SWAYAM
National	Y.VENKATESWARA RAJU	EliteSilver	22/01/2020	NPTEL -SWAYAM
National	S NOWSHAD	EliteSilver	24/01/2020	NPTEL -SWAYAM
National	SAIRAM SANDHYA RANI	EliteSilver	28/01/2020	NPTEL -SWAYAM
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	APIIC, Kopparthy	2	2
Minor Projects	365	Erudite Soft Pvt. Ltd	0.5	0.2
Minor	730	Sahithi	0.65	0.25

Projects		Systemst Pvt. Ltd		
Minor Projects	1093	SLN Technologies Pvt Ltd.,	2	0.5
Minor Projects	1093	Virtualmaze softsys Pvt Ltd	2.5	0.7
Minor Projects	365	Shairdi Sai Electricals Limited	0.5	0.5
Minor Projects	365	Shairdi Sai Electricals Limited	0.45	0.45
Minor Projects	730	PCC,kadapa	0.49	0.25
Minor Projects	730	Cemec Technol gies,Kadapa	0.49	0.24
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

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
Workshop on STAAD Pro	CE	23/08/2019
Workshop on AutoCAD	CE	14/09/2019
Workshop on Concrete Mix Design	CE	09/10/2019
Workshop on Google Sketchup	CE	24/10/2019
Workshop on Pile Foundations	CE	10/11/2019
Workshop on soft computing techniques in water resources	CE	06/01/2020
Workshop on Remote sensing	CE	28/01/2020
Workshop on AI in civil Engineering	CE	07/02/2020
Workshop on Problem Based Learning	CE	20/02/2020
Seminar on Research Methodology	CE	08/02/2020
Workshop on importance of patents in society	CE	10/09/2019

Workshop on Patent filing	CE	03/03/2020
Seminar on Innovation Techniques	CE	27/07/2019
Seminar on Trademarks	CE	07/08/2019
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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
Best Researcher	Dr. T. Mariprasath	KSRMCE, KADAPA	29/03/2020	Research
Topper 2 in Digital Circuits	Smt S. Sharmila Banu	NPTEL	12/10/2020	Academics
Topper 5 in Fiber optic communication systems and Techniques	Miss S. Jabeen	NPTEL	12/10/2020	Academics
Topper 5 in Introduction to Machine learning	Dr. G. Hemalatha	NPTEL	12/10/2020	Academics
ACHARYA RATNA (Best Faculty Award)	Dr.M.Sreenivasulu	INDIAN SERVERS	02/11/2019	Academics
UTTAMA ACHARYA PURASKAR	Dr.M V Rathnamma	INDIAN SERVERS	02/10/2019	Academic
NPTEL BELIEVERS	R.V.Sreehari	NPTEL	22/01/2020	Academic
NPTEL BELIEVERS	N. Ramanjaneya Reddy	NPTEL	22/01/2020	Academic
NPTEL DISCIPLINE (C.S.E) STARS	N. Ramanjaneya Reddy	NPTEL	23/01/2020	Academic
NPTEL ENTHUSIASTS	N. Ramanjaneya Reddy	NPTEL	14/01/2020	Academic
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	Nill	Nill	Nill	Nill	Nill
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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
CIVIL	2
CSE	Nill
ECE	Nill
EEE	Nill
ME	Nill
HS	Nill

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)
National	HS	1	5.4
International	CSE	43	2.45
International	ECE	10	2.45
International	EEE	25	3.57
International	ME	5	3.7
International	HS	8	4.99
International	CE	14	2.3
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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
CE	11
CSE	10
ME	5
HS	2
ECE	5
EEE5	5
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
EXCEEDED THE ATM NETWORK:ACCOUNT-HOLDER HAS EXCEEDED THE ATM NETWORK LIMIT	Published	201911050943	03/01/2020
SYSTEM FOR TIME VARIANT BACK PAIN DATA RECORDING USING IOT	Published	2020101847	06/03/2019
A HEURISTIC AND BIASES SCALE (HBS) MODEL OF CHANGE REQUEST ARTIFACTS	Published	201941038110	18/10/2019

(CRA)				
AN ANDROID APPLICATION FOR RAILWAY MAINTENANCE STATUS	Published	201941045175	16/11/2019
VILLAGE ATM: MULTIMODAL BIOMETRIC SYSTEM FOR ONE STOPS BANKING FOR RURAL INDIA	Published	201811034647	20/03/2020
5-G MOBILE NETWORK: MANAGE AND UPDATE IP CONNECTION IN A 5-G MOBILE NETWORK	Published	202041020254	29/05/2020
I-KEY:INTELLIGENT KEY PATTERN ACTIVE THROUGH BIOMETRIC INPUT	Published	201821049329	28/06/2019
RMT-AAPS:RAILWAY MAINTAINANCE STATUS TRACK THROUGH MOBILE AAPS	Published	201941041897	01/11/2019
AWS-DEVICE:ADVANCED WOMEN SAFEY DEVICE USING MICROPROCESOR AND DEEP LEARNING PROGRAMMING.	Published	202041001470	17/01/2020
HTVM-BLOCK CHAIN SYSTEM:HEALTHCARE TRANCTION VALIDATION AND MEDICAL OBSERVATION CARE USING BLICK CHAIN SYSTEM	Published	202041012331	08/05/2020

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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
Expermimental investigation of the Waste Plastic as an Constructive Materials	G.Sreenivasa Reddy and U. Arun Kumar	TEST Engineering Management	2020	4	KSRMCE	3

in SMA						
Performance Evaluation And Simulation Analysis On Sma Mix Design Technique By Using LDPE.	G.Sreenivasa Reddy and U. Arun Kumar	journal of Critical Reviews	2020	2	KSRMCE	2
Creating irrigation potential in drought prone area through lift irrigation project	P. Kishore Kumar Reddy,N.Pratap Kumar, T.Kiran Kumar	TEST Engineering Management. The Mattingly publishing Co., Inc Volume 82, January-February 2020, page No: 11563-11570. (SCOPUS Indexed Journal)	2020	4	KSRMCE	3
Network Traffic Analysis For Diagnosing Network Problems Using Wireshark	N. Ramanjaneya Reddy	Journal of Xidian University	2019	2	KSRMCE	1
Impact of Artificial Intelligence on Social Media	N. Ramanjaneya Reddy	Journal of Xidian University	2019	2	KSRMCE	1
Flow-based Anomaly Intrusion Detection using Machine Learning Model with Software Defined Networking	Dr. M.V. Rathnamma	Microprocessors and Microsystems(SCI)	2019	2	KSRMCE	Nill

for OpenFlow Network						
On Measures of Statistical Paramreter Pivacy	Dr. M.V. Rathnamma	TEST Engineering Management(Scopus Journal)by Mattingley Publishing Co., Inc.	2019	1	KSRMCE	Nill
On Applications Co nvolution Neural Networks and Precipitation Estimation	Dr. M.V. Rathnamma	TEST Engineering Management(Scopus Journal)by Mattingley Publishing Co., Inc.	2019	1	KSRMCE	Nill
Sequence Prediction for Journal Titles using Natural Language Processing	Dr. M.V. Rathnamma	International Journalof Grid and D istributed Computing(Emerging Sources Citation Index (ESCI).	2019	2	KSRMCE	Nill
Machine learning strategies for heart disease prediction in health care	R.L.Prav allika	Scopus indexed	2019	1	KSRMCE	Nill
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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
Expermimental investigation of the Waste Plastic as an Constructive Materials in SMA	G.Sreeni vasa Reddy and U. Arun Kumar	TEST Engineering Management	2020	5	3	KSRMCE, KADAPA

Elliptic Curve Digital Signature Algorithm for the Third Party Auditing	Dr. B.V.Ramana Reddy	IJEAT ISSN: 2249-8958,	2019	14	Nill	KSRM College of Engineering,Kadapa
Recognition of Lung Cancer Using Machine Learning Mechanisms with Fuzzy Neural Networks	Dr. B.V.Ramana Reddy	Traitement du Signal ISSN: 0765-0019	2019	6	5	KSRM College of Engineering,Kadapa

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	285	23	18
Presented papers	6	5	Nill	Nill
Resource persons	Nill	10	Nill	66
Resource persons	Nill	Nill	Nill	Nill

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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)
ME	Utilization of 3d printer services	proffessional cadd center	25000
ME	Utilization of 3d printer services	cemec technologies	35000
ME	Utilization of Cnc lathe and metrology equipment	cemec technologies	45000
CE	Material Testing/ Design Consultancy	Government Engineering Agencies/Private Entities	2000000
CSE	Sentiment Analysis for Project Rating	Sanoits Software Solutions Pvt. Ltd	42450

CSE	Data Mining for Automated Personality Classification	Syscon Solutions Pvt. Ltd	35250
ECE	Simulation Using MATLAB	TechFluent Solutions Pvt Limited	20000
ECE	Simulation Using Xilinx	Avantel Limited	30000
EEE	Short Circuit Analysis with ETAP	HYDERABAD INSTITUTE OF ELECTRICAL ENGINEERS (HIEE), Hyderabad.	50000
EEE	Photovoltaic power generation is a global stake for the ecology and electrical energy savings	Think IoT Solutions, Hyderabad.	40000

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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
S. Khaja Khizar,CSE	Android Programming	Tripod Software Solutions Pvt. Ltd	45430	46
S. Riyaz Banu	Web Development	Elitser IT Solutions India Pvt. Ltd	65380	54
Dr. S.L.P. Prathapa Reddy	Modeling on wireless communication systems	Surya Tech solutions	50000	25
Neerati Siddhik EEE	Practical Exposure in Electrical Machies and Power Systems	MANUU (Maulana Azad National Urdu University) Politechnic, Kadapa.	40000	27
Dr. K. Amaresh	Reliability Engineeing and Applications to Power Systems	St. Peters Engineering College, Hyderabde.	20000	25
Dr b.Sudhrasan .ME	3D printing and rapid prototyping technologies	Winwill technologies	40000	20
Sri D.Mervin	cnc	cemec	45000	26

Rajesh	technologies	technologies		
Sri J.Suresh babu	Metrology and Measurements	cemec technologies	40000	18
Prof. A.Mohan and Dr. G. Sreenivasa Reddy	Quality Control and Assurance	APEWIDC	100000	50

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National Bird day	NSS Dept.	4	106
National Unit day	NSS Dept.	5	96
Higher Education Awareness	NSS Dept.	5	112
Pulis ployo	NSS Dept.	5	195
Voter day	NSS Dept.	4	151
Girl child day	NSS Dept.	4	132
Swachh Bharath Abiyan	NSS Dept	4	104
Old age home visit	NSS Dept.	5	122
Awareness on Waste Management	NSS Dept.	4	108
Ambedkar Jayanthi	NSS Dept.	5	135

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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
Disaster Management and First Aid	Appreciation	Indian Redcross Society-Kadapa	80
Blood Donation camp	Appreciation	Boga Parvathamma Blood Bank	74
Community development survey	Appreciation	Indian Redcross Society-Kadapa	50
Blood Donation camp	Appreciation	Red-Cross Society	35
Eye camp	Appreciation	Gayatri netralaya	62
Blood group testing	Appreciation	Boga Parvathamma Blood Bank	582
Blood group	Appreciation	Red-Cross Society	523

testing			
Yoga day	Appreciation	Viswtma Pyramid Yoga ANN Meditation research center	76
Blood Donation camp	Appreciation	Boga Prarvathamma Blood bank	28
Eye camp	Appreciation	Gayatri netralaya	45
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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Law Criminal Justice System	AP Police	Awareness on traffic rules	50	350
Soft Skill	VIMP Academy	Soft Skill	20	200
Personality development	Consultant Topper Academy	Personality developmen	15	200
Awareness program	IAS Academy	Awareness program on Civil services Exams	24	200
Energy Conservation	APSPDCL	Energy Efficiency Conservation	26	100
Awareness Program	Times Institute	Awareness Program on Gate 2K2020	20	150
Awareness Program	NSS Dept.	Abroad Education	25	300
Vanam -manam	NSS Dept.	Tree plantation drive	23	100
Swachh Bharat-Abiyan	NSS Dept.	Swacch Bharat	18	100
Swachh Bharat-Abiyan	NSS Dept.	Swacch Bharat	14	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
Faculty Exchange	P. Rajendra Kumar & P. Kishore Kumar Reddy	KSRMCE	30
Student Exchange	Animireddy Pranathi, Pagidipalli Subbara yudu,Shaiktappa	KSRMCE	30

	Sohel Ahmad, Anugolu Pavan ,Arigala Kejiya Rani & Gudlobigandla Subhash		
Faculty Exchange	Dr. V. Lokeswara Reddy, Dr. K.Srinivasa Rao	KSRMCE	04
Faculty Exchange	Dr. M.V. Rathnamma, Smt. B. Manorama Devi	KSRMCE	05
Faculty Exchange	Sri.Shaik Jaffar Hussain, Smt. R. Siva Jyothi	KSRMCE	05
Faculty Exchange	Smt. P. Bhavya, Smt. P. Naga Lakshmi	KSRMCE	04
Faculty Exchange	S. Zahiruddin and Dr. M.V. Narayana	KSRMCE	364
Faculty Exchange	N. B. Shanthi Kumar	KSRMCE	04
Facaulty Exchange	S. Munawar Ali and Y.V. Raju	KSRMCE	06
Student Exchange	N. B. Shanthi Kumar	KSRMCE	08

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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	Design of Area efficient and low power 4-bit multiplier based on full swing GDI Technique	CITD, Hyderabad	18/12/2019	17/01/2020	Nandivada Harika
Internship	Design of Area efficient and low power 4-bit multiplier	CITD, Hyderabad	18/12/2019	17/01/2020	Guru Prakash

	based on full swing GDI Technique				
Internship	Design of Area efficient and low power 4-bit multiplier based on full swing GDI Technique	CITD, Hyderabad	18/12/2019	17/01/2020	E. Rajasekhar Reddy
Internship	Ultra-Low-Voltage GDI-Based Hybrid full adder design for area and energy efficient computing system	CITD, Hyderabad	18/12/2019	17/01/2020	Chuppala Nara Rajasekhar
Internship	Ultra-Low-Voltage GDI-Based Hybrid full adder design for area and energy efficient computing system	CITD, Hyderabad	18/12/2019	17/01/2020	Akkisetty chandana Priya
Internship	Advanced Embedded System Design Using Tiva C Series Micro controller	Edgate Technologies Pvt Ltd, Bangolore	20/05/2020	29/05/2020	Harihara Nandan Mallele
Internship	Project work on Artificial Intellegence	MSME-Technology Development Centre (PPDC)	27/04/2020	01/05/2020	Sana Gunavikesh
Internship	Analysis of Network Traffic using Packet Sniffing	Indian Servers	10/09/2019	20/10/2019	C.Sai Charan, C.H.Praveen, C.Vinod Kumar, A.S.Sumanth Kumar
Internship	Android Application	Braino Vision	16/10/2019	20/11/2019	Shaik Mohammed suj

			jathuddin, M.Suresh, M.Sai Monoj Kumar Reddy, S.Kuruba Mahesh
for Local E-Commerce			

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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
SILOV Solutions Private Limited, Technology Bussiness Incubation Unit at IIT Delhi	15/07/2019	Training on Solar PV Emulator	2
Indian Servers	19/03/2020	Internship for B.tech students ,to do M.tech projects and research projects	30
BSNL, KADAPA	14/02/2020	Internship and Project Work	50
EdGate, Bangalore	26/02/2020	Internship and Project Work	50
HYDERABAD INSTITUTE OF ELECTRICAL ENGINEERS (HIEE)	09/01/2020	Technology Sharing and Intern ships, Minor and Major Projects	30
Think IoT Solutions	14/09/2020	Technology Sharing and Intern ships, Minor and Major Projects	30
Government I.T.I,DLTC,KADAPA	02/10/2020	Guest Faculties,Faculty Training,internship for B.tech students ,to do M.tech projects and research projects	40
Blue fence systems pvt Ltd,Hyderabad	17/12/2019	Guest Faculties,Faculty Training,internship for B.tech students ,to do M.tech projects and research projects	55

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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
90	86.17

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing
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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
ECAP	Fully	2.0	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	68422	27336256	1206	874545	69628	28210801
Reference Books	12446	5043400	191	85950	12637	5129350
e-Books	3919	1362200	50	45000	3969	1407200
Journals	775	1284816	111	248150	886	1532966
e-Journals	2174	655830	25	298325	2199	954155
Digital Database	7715	3752500	3	117652	7718	3870152
CD & Video	3680	728525	100	15000	3780	743525

Library Automation	1	220000	Nill	Nill	1	220000
Weeding (hard & soft)	738	295200	121	48400	859	343600
Others(specify)	1	300000	Nill	Nill	1	300000

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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
Dr M.Sreenivasulu	Principles of Programming Languages	IUCEE APSSDC	06/05/2019
Dr T.Kiran Kumar	Water Resources Engineering	Institutional LMS	03/12/2019
P.Pavan Kumar V.Neeraja	Sanitary Engineering	Institutional LMS	20/12/2019
N.Prathap Kumar	Remote Sensing and GIS	Institutional LMS	04/09/2019
Dr T.Kiran Kumar B.Harika	Fluid Mechanics	Institutional LMS	07/08/2019
K.Niveditha	Concrete Technology	Institutional LMS	04/08/2019
P.Suresh Praveen Kumar	Geo-Technical Engineering	Institutional LMS	22/07/2019
P.Suresh Praveen Kumar	Design and Drawing of Irrigation	Institutional LMS	05/10/2019
S.Khadervali	Control Systems	Institutional LMS	14/09/2019
K.Kalyan Kumar	Electrical Machines	Institutional LMS	03/12/2019

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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	949	19	1	2	1	8	6	100	0
Added	0	0	0	0	0	0	0	0	0
Total	949	19	1	2	1	8	6	100	0

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

100 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
Lecture Capturing System	https://www.youtube.com/channel/UC_eDyDtq88j-rP3NcmUXS4Q

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
50	50.36	170	170.8

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)

Under the administration department various staff are been recruited towards the maintaining of the physical facilities at KSRMCE. Each non-teaching staff is allowed a particular task as follows: Buildings and Infrastructure: Buildings maintenance and other related services, they also look after the restoration of RO Plants, including testing of water quality, fixing of LCDs and replacing green and whiteboards when required. Broken glass panes of windows in classrooms are replaced periodically. Regular Cleaning and mopping work is done by floor attenders. Registers are maintained to record the work. Electrical Facilities: At KSRMCE Electricians are available round the clock to address power breakdown. Department maintenance in charge monitors the services, electricians regularly check in classrooms and campus to ensure that all electrical fittings are working condition, voltage power supply, functioning of generators, multi meters of the campus are called for repairing within warranty or after warranty as per the norms. Supply of electricity during power breakdown through generators is provided. Fire extinguisher is outsourced and refilling of the cylinders is done once in a year. Laboratories: At every department KSRMCE has lab assistants with whom regular checks of equipment are carried out in their concern laboratories. Minor repairs are carried out by lab assistant/s, and major maintenance works are outsourced as per procedures of the KSRMCE. Regular replacement of glassware and necessary accessories purchased whenever required. Calibration and other precision measures of the equipment is conducted annually by external agency. Computers and allied Infrastructure: KSRMCE CSE department supervise the AMC including Computers and its allied Infrastructure. AMC ensures that the suppliers attend to the problems during the Warranty period, and beyond the warranty period, AMC personnel themselves fix the issues reported. AMC also handles need based installation of computer facilities in the college. CSE department controls the Internet and biometric security systems. Other Facilities: The department monitors other facilities such as plumbing issues, regular cleaning to ensure hygiene in the campus and safe toilets, supply of raw water to RO treatment plants, RO water is tested by KSRMCE Civil and Chemistry Labs, routine pest treatment and control services of the campus by local pest control agencies, gardening and watering of plants including lawn laying. The admin department has a staff consists of Qualified Electricians, Carpenters, Plumbers and other service personnel. The workers under the admin department regularly spraying of Mosquito repellents is carried out on the campus, including classrooms, hostels

labs, seminar halls etc. and other fumigation works are carried out in the library. Security is outsourced to professional agency Security Services. Institution is well barricaded with boundary wall and security guards placed at all critical locations to guard the campus. Professional agencies are by and large outsourced to ensure safety to staff and students. Hostels are regularly cleaned and maintained by the chief wardens and care takers with the support of the admin department, the mess committee will monitor and looks after maintenance of canteen, mess at hostel. The admin department will look after the proper disposal of waste in

https://ksrmce.ac.in/demo1/office/STANDARD%20OPERATING%20PROCEDURE(SOP).pdf

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	KSRMCE Scheme	574	10958000
Financial Support from Other Sources			
a) National	Fee reimbursement Scheme	1906	92785800
b)International	0	Nill	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
Personal counselling and Mentoring	Nill	2576	KSRMCE, Kadapa
Soft skills	09/07/2019	630	CRT program, M/s Coign consultants, Hyderabad
Soft skills	10/06/2019	260	TCS NQT specific training program, M/s FACE training institute, Coimbator
Awareness of trends in technology	17/06/2019	80	Octave programming by CRI, KSRMCE
Awareness of trends in technology	24/08/2019	80	Multi Skill Training Program by APSSDC
Yoga and meditation	21/06/2019	270	International Yogaday by Sri C.Venkataramana, School Assistant, ZPHS,Kadapa
Remedial coaching	Nill	113	KSRMCE, Kadapa

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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
2020	Guidance for competitive examinations and Campus placement	588	2007	470	362

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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
1	1	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
TCS, Wipro, Infosys, Cognizant, etc.	511	364	Nill	Nill	Nill

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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
2020	5	B.Tech	EEE	JNTUCEP, pulivendula	M.Tech (Electrical power systems)
2019	4	B.Tech	ECE	Cardiff Metropolitan university, UK	MSc Information Technology
2019	5	B.Tech	ME	IIT, BHUBANESWAR	M.Tech (Metallurgical and

	Materials Engineering)

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	17
GATE	9

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

Activity	Level	Number of Participants
South Zone Inter-University Kabaddi Championship	NATIONAL	1
CREADORS-DJ 2K19	NATIONAL	3
JNTUA cricket selection	NATIONAL	1
5th A.P. State Level Juniors Wrestling Contest	NATIONAL	1
AARABDH-2K19	INSTITUTION	2300
ANNUAL CULTURAL FEST (ASTHRA 2K20)	National	2670
KSRMCE SPORTS DAY	INSTITUTION	580
STUDENT SYMPOSIUM (AVALANCHE 2K20)	NATIONAL	320
TECHNOVATION 2020	NATIONAL	234
ISHANA 2K20	NATIONAL	256

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
2020	WINNER	National	22	13	----	----

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

Student council (Students Activity Committee) is the apex body of students which is formed under the guidelines of the KSRMCE. It is one of the most active council which is reconstituted every year. At KSRMCE, main purpose of constituting Students' council is to create a perfect link between the students and the management, the students and the faculty, the students and the community and among the students themselves. The students' council acts as a liaison between the management and the students facilitating the smooth functioning of the institution and to the satisfaction of the student

community. A faculty coordinator is the in charge of the Student Activity Committee, it comprises of a student president, secretary and other office bearers. A transparent procedure is followed at KSRMCE every year to appoint Student Activity Committee. Every year Circular will be released from the principal's office to all the HOD's to nominate the students for various positions from II years – IV years. The senior faculty members of the departments identify the students and nominate them to various positions through proper channel by considering the following parameters such as good academic, non-academic, communication competencies coupled with good conduct. Student's Council activities include dissemination of information regarding competitions, meetings, festivals, etc, to all the students, Organizing technical fests, Sports events, cultural activities, festivals by coordinating with various clubs of the college, celebrating all the International, national days are celebrated in coordination with all the clubs committees. Representation of students in Academic and Administrative Committees: The students play a vital role in almost all the academic and administrative bodies of the KSRMCE. These bodies create more avenues for students to develop technical skill, updating knowledge on the state of the art subjects, personality development and service to society through various Bodies/Committees/Cells. There are staff coordinators to guide students in the smooth and efficient conduct of these activities. The following is the list of committees in which students are members: 1.NSS Cell 2. Grievance Redressed Cell 3. Public Relations Committee, 4. Publications Committee, 5. Women Empowerment Cell 6. Photography Club 7. Internal Complaints Committee 8. Student Discipline Committee 9. Library Committee 10. Anti-Ragging Committee 11. Cultural Club 12. Website Committee 13. Nature Club 14. Entrepreneurship Development Cell 15. Placements Cell 16. Canteen Committee 17. Institution Innovation Council. 18. Incubation Cell 19. Health Club Students are also part of various professional chapters and technical clubs of the KSRMCE. As KSREMCE is a student centric campus, all the decisions taken by the student activity council will be respected and feasible activities will be organized.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

KSRMCE has very active alumni association which is registered. Every year alumni meet is organized at campus to have healthy and mutually beneficial relationship with its alumni. With these meets college maintains a bonding with its alumni by taking their support for student's progression. KSRMCE alumni have been well settled in prominent positions in highly reputed industries and organizations over across the globe. Every year alumni very enthusiastically participate in the meet and contribute to the development of the institute in the following ways: Alumni are part of our academic, governing councils, BOS and IQAC. These members contribute to the improvement of various aspects concerning to the functions of the institution. They help the departments to identify the bridge gaps between the curriculum and industries requirement accordingly suggest the required workshops / training programs. The Departments invite their alumni as resource persons to deliver guest lecturers in various workshops / seminars on recent trends in technologies. Placement cell and Career development cell invites them to share their professional experiences. Some alumni sponsor for fests / scholarships to students. Ever year alumni are invited as guests for college fest / conferences/ annual day celebrations. Periodically feedback is collected from the alumni and updated continuously by conducting online surveys which collects information on their knowledge, skill level, team spirit, employer appreciations, honors and awards received, current job position, skill updating, experience gained, career track, promotions obtained, future scopes, current trends in industries and valuable suggestion

for their juniors. KSRMCE alumni help the placements team to organize various placement drives from the organizations they are currently working. Alumni also help their juniors in getting placement by giving references. Apart from this, Alumni supported at 1.Financially helped few poor students. 2. Built a kitchen and dining facilities for tribal girl's school at Araku, Vizag. 3. Donated a room for mentally challenged school "Anurag foundation" at Hyderabad, etc,. 4. A shelter for attendants of patients at RIMS, Kadapa. They also strongly desire to serve our college which helped them to grow in their personality and careers and decided to constitute cash awards for meritorious students identified by the college on every Year as scholarships of Rs 5000/. • Alumni of 1988 1992 batch donated Rs 400000/ in the year 2017 for the purpose of developing the laboratories.

5.4.2 – No. of registered Alumni:

2153

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

50000

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Principal of the institution collaborate with different sections / departments and personnel to improve the quality of its educational provisions using the following procedure: The Institute is following Academic Calendar in true spirit and it is being finalized in consultation with principal, Head of Departments, Controller of Examinations, and senior faculty and physical director covering all academic activities e.g. commencement of classes, internal examinations, various committee meetings, end semester examinations, technical festival and sport activities etc. This printed academic calendar is circulated to all teaching staff, non-teaching staff and students. The management, Principal and Head of the departments meet frequently to review plans and update academic and administrative matters. Performance of the departments is discussed in meetings of Head of Departments. The information discussed and decisions of management are communicated to the staff of the institution through departmental meetings by head of the respective departments. Principal also communicate this information to the staff using circulars. The management gets the information from Academics Branch, Examination Branch, Administration Branch, Accounts Audit Branch, head of the departments, teaching staff and non teaching staff to review the activities of the institution. Management encourages and supports the staff in the decision making process for improvement of the effectiveness and efficiency of the institute. Principal of the College is the member of the governing body which is highest decision making body. The Faculty is appointed as members of various committees for the college.

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
Admission of Students	KSRMCE has an extremely student friendly and transparent admission policy in order to provide free ships and scholarships to meritorious students since its inspection. As per the state government policy the 70 admissions are filled by common entrance exam. The reaming 30 of admissions are filled under management quota as per the KSRMCE Admission policy. Every year the career development cell admission committee of the institute organizes various awareness programs to 2 students on various streams and on their career opportunities. The principal/Director/Management conducts regular review meets with admission team. The admission team takes the students parents to visit departments and interact with faculties to clarify their doubts etc. and after the admitting of the students there will be an orientation program and explains them about the various opportunities at institution.
Industry Interaction / Collaboration	KSRMCE has a strong Industry Institution Interaction Cell. This cell builds a healthy relationship between the industries and institution. This cell is a gateway for making various MOUs for research and development, student internships, knowledge exchange, field activities, support for placements, lab sessions, expert talks etc. This cell helps the departments to interact with various reputed companies in order to understand the bridge gaps and also utilize their expertise in every aspect possible. As of now various sessions are been organized for the students benefit. It hopes to enable appointments of experienced industry resource persons as visiting faculty in the near future.
Human Resource Management	KSRMCE follows a transparent recruitment appraisal process as per the norms of JNTUA/ACITE/UGC. Every year the faculties are evaluated on their teaching, publications, research, and participation in development activities, acquiring higher qualifications and based on it faculty promotions/increments/other facilities are provided. To motivate the staff

		based on their contributions every year Teaching Excellence and Outstanding Achievement awards are given to the faculties and other staff. Institute provides group insurance, PF/ESI, paid leaves for PhD works/medical/ Maternity/ any other emergencies, retention and relocation allowance, children's welfare measures etc. Every year during the staring of the year, workshop/FDPS are organized for both teaching Non – teaching staff. Faculties are also provided with seminar grants/seed funding for research/ also avail increments for publications, book allowance.
	Library, ICT and Physical Infrastructure / Instrumentation	At KSRMCE it's an ongoing process of additions of new books/e-books/e-journals/e-articles related to subject and curriculum to enrich the library and it has been made automated. Every year library week is celebrated by the library committee at campus. All the faculties use 100 of ICT tools and all classrooms are fitted with LCD projectors for presentations, showing demo videos, simulation and animation videos. These facilities are being used regularly to further enhance the teaching learning experience. Improvement at laboratory equipment's and materials as per the requirement is a Continues process. All the physical facilities are maintained by the admin department. Grounds/hostels/transport is maintained by the concern departments.
	Research and Development	KSRMCE has a strong RD Cell which encourages faculties to apply for various research funds from both Government/non-government organizations. The junior faculty members are encouraged to join PhDs. All the faculties are motivated for publication of research papers in reputed national and international journals by providing incentives. Faculties who encourage student research activities and their publications are provided with special incentives. Faculties are supported to attend various FDPS/workshops/seminar/conferences to gain knowledge in their relevant fields. Seed funding is provide to the faculties for minor research activities in the campus. RD has tie up with

	various industries to promote research activities.
Examination and Evaluation	KSRMCE follows the examination schedule as per the approval of the college academic council and the procedures of evaluation are followed as per the norms of UGC/AICTE/JNTUA. The institute follows bloom's taxonomy and outcome based learning is followed in framing both internal and external examination question papers. Question papers will be framed in such a manner that students will be forced to think, analyze and demonstrate in order to come up with optimal solutions by themselves without relying on role learning. To ensure fair practices and transparency in the conduct of examination Internal Squad are appointed for End Semester examination to restrict malpractices.
Teaching and Learning	At KSRMCE we follow interactive teaching learning methodology is followed since its inspection. All the faculty members at KSRMCE are highly qualified experienced. The faculties are given complete autonomy to design their own unique way of teaching methodology. The faculties made learning more interesting by conducting group discussions, debates, quizzes, student seminars, and role-plays. KSRMCE believes in face to face interaction with independent study that inculcates the innovation in the students. Mentors boost up their mentees in order to gain extra knowledge through NPTEL, Swayam etc. Special attention is taken to improve the communication skills, team spirit, freedom of expression and employability skills in students. Various training programs/certifications/seminars/workshops are organized for making their learning beyond curriculum as the college follows student centric teaching process which resulted in securing good placements for students.
Curriculum Development	Every year the syllabus is updated with suggestions of industry experts, alumni and subject experts to fulfill the requirements of current industry. Departments in addition to the class work they also conduct bridge courses, value added on courses, certificate programs for the students to bridge the gap between academic knowledge and

industry expectations. Faculties are encouraged to attend various FDP's/seminars/workshops/refresher courses etc conducted at in house national/state recognized universities and institutes to upgrade their subject knowledge, apart from this every year a FDP is organized at campus for all the faculties on the usage of ICT tools, innovative teaching methods. Industry experts are invited to deliver talks on latest trends in the technology, scope of employment etc. if required certain field activities or lab sessions are done with persons hired from the industries. Students are encouraged to go for internships/project works from the reputed core industries. Workshops/training sessions on latest software and hardware beyond the curriculum requirements are organized.

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

E-governace area	Details
Planning and Development	ECAP Software : It is used in academics for attendance, marks, timetable, library issues etc.
Administration	ECAP Software : This software is used in administration for Creation of departments, courses and branches, Uploading student data to college website and maintaining college diary.
Finance and Accounts	Tally software: Tally ERP9 software is used to maintain the following transactions in our institution. To record daily transactions of fee remittance by the students with EMS Software. To keep daily payments made under various heads of expense. To maintain individual ledgers for all stake holders of the institution. To maintain effective handling of Income and Expenditure account which is used to generate various financial statements.
Student Admission and Support	ECAP Software
Examination	Examination soft ware: It is used for Student Profile Creation/updating, data validation, payment of registration amount, hall ticket generation, result processing, modernization of result analysis and marks memo generation.

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
2019	J.Suresh Babu	ICACET-2019	Nill	6000
2019	C.Nagaraja	ICACET-2019	Nill	6000
2020	Dr.B sudarshan	ICACET-2019	Nill	6000
2019	Dr.D Ravi kanth	ICACET-2019	Nill	6000
2019	C.Nagaraja	ICACET-2019	Nill	6000
2020	Dr A.Saravanan	ICSTEM-20,KIT ,COIMBATOOR	Nill	9000
2019	P.Durga prasad	"Multi Agent System its Application in Cyber Physical Microgrid" organised by department of EEE, AITS-Rajampeta	Nill	2000
2019	G. Hussain Basha	Recent Trends in Smart Grid" organised by Department of EEE, JNTUACEA, Ananthapuramu	Nill	2500
2019	Dr. M. Sreenivasulu	International Conference on Advances in Science, Engineering and Technology(ICASET – 2019)	Nill	6000
2019	Dr.K. Amaresh	Nill	IEEE Membership	5000
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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)
2019	3 Days Workshop Demo Robcad	Nill	10/07/2019	12/07/2019	26	Nill

2019	Internet of Things 3 Days workshop	Nill	15/07/2019	17/07/2019	18	Nill
2019	6 Days Workshop Demo Robcad	Nill	15/07/2019	20/07/2019	28	Nill
2019	Internet of Things 3 Days workshop	Nill	19/07/2019	22/07/2019	38	Nill
2019	5 Days Workshop Android	Nill	23/07/2019	27/07/2019	37	Nill
2019	Android workshop	Nill	29/07/2019	03/08/2019	22	Nill
2019	National Level Workshop on Smart Microgrid	Nill	05/08/2019	09/08/2019	18	Nill
2019	Faculty Development Programme on IoT	Nill	21/10/2019	23/10/2019	32	Nill
2019	1 day workshop on Blooms taxanomy	Nill	08/07/2019	08/07/2019	183	Nill
2019	1 day FDP on Effective teaching learning	Nill	09/07/2019	09/07/2019	183	Nill

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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
product Development on 3D Experience	1	26/11/2019	29/11/2019	4
FDP ON AUTOCAD	1	18/05/2020	30/05/2020	12
FDP ON CATIA	1	18/05/2020	30/05/2020	12
one week online faculty	65	16/06/2020	20/06/2020	5

Five Day Webinar series in association with Enflare Tecnologies development program on "Blockchain Technology its Applications				
Two Day Online Workshop on "Python Rasberry Pi"	37	29/05/2020	30/05/2020	2
Two -Day Workshop on "Illumination Design with DIALux Software	32	08/01/2020	09/01/2020	2
A two day workshop on Computational Fluid Dynamics	15	06/03/2020	07/03/2020	2
Three Day Certification Course on "MATLAB Programming"	29	02/12/2019	04/12/2019	3
Five Day Short Term Training Program (STTP) on "Control and Automation	14	18/11/2019	22/11/2019	5
5-Day Faculty Development Program on "Smart Grid"	20	05/08/2019	09/12/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
183	183	228	228

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• EPF • Study, Maternity and Medical leaves are sanctioned for the required staff • Vehicle and Laptop loans • Fee concession for	• EPF and ESI • Study, Maternity and Medical leaves are sanctioned for the required staff • Vehicle and Laptop loans • Fee concession for	Cash awards for merit students. Health centre provided, free treatment and medicine, Xerox facility, transportation facility.

children of staff. ESI facility for staff. transportation facility. EDLI facility	children of staff. ESI facility for staff. transportation facility. EDLI facility	

6.4 – Financial Management and Resource Mobilization

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

Since the inception of KSRMCE a transparent mechanism of financial resources are been followed. In the beginning of the academic year a proper budget allocations are been made effective utilization of financial resources are been planned. Fee collection, salary and loan distributions, bills and tax payments, purchase of laboratory equipment, teaching aids, furniture and facilities are managed by the accounts department in support with purchase committee. All the financial transactions are done in a proper channel and the transactions are recorded and computerized. Every month the CFO of the college does the internal audits. At the end of every financial year an external audit is done by the statutory auditor and annual submission of income-tax returns is carried out. There have been no audit objections raised due to well-planned financial management.

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
Nil	0	Nil

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6.4.3 – Total corpus fund generated

704.3

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	Nill	Yes	IQAC
Administrative	Yes	Nill	Yes	IQAC

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

Participation of parents is solicited in design and delivery of curriculum. They are continuously kept informed about the progress of their wards by communicating with them through their mobile phones and also writing emails when ever seems necessary. To work for the welfare of Students, Teachers and for the Development of the Institution To foster and promote good relationship among the members of the Teaching staff, student and parent/guardians of the students To assist students coming from Socially and Economically backward group financially or otherwise to complete Engineering education successfully To promote the activities of the Training and Placement Cell and to conduct Seminars and Technical/Training programmes for the students to achieve technology oriented skills/jobs To institute scholarships, prizes, medals, endowments etc to benefit students showing a high proficiency in their studies and co-curricular activities.

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

> Training programmes are conducted on regular basis either by the faculty or by the technical people from the equipment / instruments suppliers to upgrade their skills in handling and maintaining them in laboratories. • Adequate training and instructions are given on regular basis particularly when ever laboratory curriculum is changed meeting the requirements. • Academic / study leaves are granted to encourage higher education.

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

> Submission of Data for AISHE portal, Participation in NIRF, ISO certification

6.5.5 – Internal Quality Assurance System Details

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

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
2019	Interaction with new faculty, ethics and System of KSRMCE	09/12/2019	09/12/2019	09/12/2019	20
2019	Mentoring and Coaching	10/01/2019	10/01/2019	10/01/2019	55
2019	OBE	14/08/2019	14/08/2019	14/08/2019	65
2020	Research and Innovation and How to publish a Paper	01/09/2020	01/09/2020	01/09/2020	40
2020	New Education Policy	13/03/2020	13/03/2020	13/03/2020	50
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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
Lecture on role of men and women in politics	26/11/2019	26/11/2019	51	35

Malala Day	12/07/2019	12/07/2019	164	96
Creating awareness on stop violence against women	24/07/2019	24/07/2019	105	121
Lecture on AIDS awareness – Gender Justice	08/08/2019	08/08/2019	146	128
Women's equality day	26/08/2019	26/08/2019	128	64
World suicide prevention day	09/09/2019	09/09/2019	167	122
Demo on self defense	26/09/2019	26/09/2019	161	45
Awareness programme on gender equality in education	09/10/2019	09/10/2019	171	82
Lecture on women empowerment and gender justice in India	23/10/2019	23/10/2019	83	57
Lecture on women personal safety	06/11/2019	06/11/2019	159	87
International day for the elimination of violence against women	25/11/2019	25/11/2019	97	68
World aids day- Vulnerability of Girls and Women	30/11/2019	30/11/2019	115	121
Awaeness on ICC	06/12/2019	06/12/2019	126	49
Awareness on women empowerment	10/01/2020	10/01/2020	149	76
Awareness programme on Disha 2019	29/01/2020	29/01/2020	162	179
National Women's Day 2020	13/02/2020	13/02/2020	152	47
Women's day celebrations	08/03/2020	08/03/2020	143	69

Lecture on corporate social responsibility and gender sensitivity at workplace	18/03/2020	18/03/2020	89	72
World health day	06/04/2020	06/04/2020	186	92
Need for women literacy to remove gender disparities	14/04/2020	14/04/2020	85	42
Lecture on gender sensitization: A need for social justice	20/05/2020	20/05/2020	83	42
Lecture on Indian constitution and human rights: equality of men and women	16/06/2020	16/06/2020	136	62

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
78.86

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students

	locational advantages and disadva ntages	engage with and contribute to local community					and staff
2019	1	1	29/08/2 019	3	Disaster Managemen t and First Aid	Students, KSRMCE	276
2019	1	1	11/09/2 019	1	Swachata Hi Seva Campaign	Tadigotla Village	78
2019	1	1	12/09/2 019	1	Awareness programme on Overseas Education	Students, KSRMCE	193
2019	1	1	24/09/2 019	1	Swatchh Bharat and tree plantatio n	Tadigotla Village	115
2019	1	1	18/10/2 019	1	Blood Donation Camp	KSRMCE	109
2020	1	1	25/01/2 020	1	National Voters Day	Students, KSRMCE	493
2020	1	1	15/02/2 020	4	White Coating to Trees in Campus	KSRMCE	194
2020	1	1	09/03/2 020	1	Say no to Plastic	Krishna puram Village	73
2020	1	1	30/03/2 020	1	Awareness programme on COVID19 s ituations	Tadigotla Village	51
2020	1	1	06/04/2 020	1	Spraying of Bleaching	Tadigotla Village	74
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)

Code of conduct ethics for faculty	08/07/2019	The mission of the College is to prepare the students for future. This entails high quality instruction delivery supported by allied activities like research, industry institute interaction etc. It is the responsibility of the College to provide systematic support to faculty members so that they are properly equipped to meet the demands of the instruction. "Citizens" of the KSRM community include students, faculty, staff and those otherwise affiliated with the KSRM. Accepting membership into the KSRM community as a faculty entails an obligation to promote its welfare by assuming the rights and responsibilities listed below. Each individual member of this community is responsible for his or her own actions and is expected to respect the rights of others. The purpose of KSRM's Code of Conduct and Ethics for Faculty (Code) is to indicate in a general way the obligations of a faculty member toward the students and the College.
Code of ethics for students	08/07/2019	An essential component of the mission of KSRM College of Engineering ("KSRM") is to create and sustain an atmosphere of intellectual excitement, a climate of inquiry and innovation among students. In pursuit of this mission, the College is committed to achieving academic excellence, to creating an environment for learning, and to cultivating responsible citizenship in the larger society. The KSRM is a

community in which intellectual growth, learning from others, mutual tolerance, and respect for freedom of thought and expression are principles of paramount importance. In an environment that promotes the free interchange of ideas, cultural and intellectual diversity, and a wealth of social opportunities, KSRM students take advantage of the academic and nonacademic opportunities available to them, deepening their intellectual insights through formal instruction, and expanding their educational experience beyond their academic programs.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2020	21/06/2020	61
Independence Day	15/08/2019	15/08/2019	215
Sadbhavana Diwas	20/08/2019	20/08/2019	243
Teachers Day	05/09/2019	05/09/2019	376
Gandhi Jayanti	02/10/2019	02/10/2019	76
National Unity Day	31/10/2019	31/10/2019	221
AIDS Day	01/12/2019	01/12/2019	236
National Voters Day	25/01/2020	25/01/2020	249
Republic Day	26/01/2020	26/01/2020	256
Ambedkar Jayanti	14/04/2020	14/04/2020	47
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

KSRMCE every year organize plantation drive in order to promote greenery on the campus.

Promoting Eco-friendly Ganesha on campus. By distributing eco-friendly Ganesha to the staff and selling to the students at nominal prices.

Establishing Rain Water Harvesting pits in the campus.

Signing MoU with ITC for paper, plastic, e-waste, and other solid waste

management in the campus.
Taking initiatives to make zero single-use plastic in the campus.
Encouraging staff and students to use public transport for safety, security, and fuel conservation.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Framework for instruction delivery fostering effective knowledge transfer Goals: • To ensure that courses offered to students are allotted to competent faculty members who have adequate expertise and experience to teach the course and to appoint a mentor for each course. • To ensure that the faculty member, well ahead of the beginning of the semester, prepare a set of course objectives and outcomes, adequate study material, presentation material, videos, software tools, lesson plan, question bank with key under the guidance of the mentor and get approved by HOD/Principal. • Structured handout both digital form and hard copy corresponding to different courses and kept available to the students before giving instructions and teaching. • Any faculty who is handling a course first time gives presentation through software tools or black board means to senior faculty who have already had enough teaching in that particular course. The senior faculty gives suggestions and help improve delivery techniques to junior faculty. • During the progress of the semester, senior faculty attend the classes taken by the junior faculty in the class room and observe delivery capabilities of junior faculty. • To enhance the experience, expertise and teaching abilities, the junior faculty are insisted to attend Faculty Development Programmes (FDP) and workshops. Assessment regarding teaching abilities and knowledge gained by junior faculty is made by allotting a particular course in successive semesters and result analysis is carried out. • To monitor course delivery continuously during the progress of the semester based on the feedback/input given by the stakeholders. • To put a system in place for measuring the attainment of the intended course outcomes quantitatively and qualitatively. • To record and make available the experience and hurdles faced by the faculty in delivering the course, to other faculty who will be teaching the course in the subsequent years. The Context: The mission of the College is to prepare the students for future. This entails high quality instruction delivery supported by allied activities like research, industry-institute interaction etc. It is the responsibility of the College to provide systematic support to the faculty members so that they are properly equipped to meet the demands of the instruction. In this context, developing a framework for instruction delivery and benchmarks for measuring the attainment of the outcomes quantitatively and qualitatively are essential. This practice is designed to address this issue. Appropriate remedial steps are taken for continuous improvement. The Practice: The teaching of students at all levels is to be distributed among faculty members without regard to rank or seniority as such. Basic-level courses are not deemed the exclusive province of the junior faculty nor advanced courses the unique domain of the senior faculty. It is important that students, including freshmen and sophomores, have significant opportunities to learn from eminent faculty. And junior faculty members should not be called upon to bear a disproportionately heavy share of the responsibility for large and pedagogically demanding basic-level courses. This is not to say that teaching assignments should be unrelated to research interests or teaching strengths. On the contrary, the marriage of teaching and research greatly enhances both enterprises. Comparative advantages and strengths are an appropriate consideration in allocating teaching responsibilities. Naturally, teachers should be flexible enough to offer courses outside narrow fields of specialization A skill matrix is prepared taking into account faculty specialization, performance of the faculty in the last two years and professional experience. From the skill matrix, appropriate

faculty is identified for teaching each course in consultation with the faculty. The faculty with vast teaching experience and expertise is identified as a mentor for the course. Mentor of a particular course guides the faculty members in defining the course objectives and course out comes based on the syllabus and assist them in preparing lesson plan, notes on lesson and other adequate study material, presentation material, videos, software tools and question bank with key. Well ahead of the beginning of the coursework, it is ensured that teachers are well equipped to handle the courses assigned to them. As the semester progresses, courses are delivered as per the lesson plan. Periodically the mentors of a particular course interact with the faculty offering the course and ensure that the delivery is in line with the lesson plan. In case of any deviation, suitable measures are taken to bring it in line with the lesson plan. On last Saturday of every month the HOD reviews the progress of the course delivery. To ensure the quality and effectiveness of the course delivery, periodic feedback is collected and appropriate measures are taken as detailed below: • Feedback from the students collected in the Class Committee meeting arranged after the first and second internal assessment tests (Unit tests). • Online feedback is taken from the students on the teaching of every course between 6th and 8th week from the start of the semester. • Once in a semester, general counselling is arranged. During general counselling, each student is counselled by a senior faculty belonging to any other department so that, the student feels free to express his difficulties and issues concerning the teaching learning process. • Once in a semester a parent-teacher meeting is arranged to get parents' views also. For all the concerns raised appropriate actions are taken. Performance of the students in the internal assessment tests is taken as an indicator of attainment of course outcome. In this regard, the weightage given for different course outcomes and the performance of the individual students in each course outcome are evaluated and quantitative assessment of attainment of course outcome is made after every assessment tests. It serves as guideline to make sure whether the intended outcomes are achieved or not. Wherever the attainment is low, appropriate corrective measures are taken. At the end of the semester, the teacher prepares a comprehensive end semester course review form which provides input for the teachers who will be handling the same course in the next term. Evidence of Success: The following table depicts the overall improvement in the pass percentage achieved by final year students during 2014-20. Academic Year Pass Percentage Academic Year Pass Percentage 2014 – 15 83.38 2017 – 18 84.08 2015 – 16 82.59 2018 – 19 87.29 2016 – 17 84.71 2019 – 20 91.19 2 Title of the Practice: Creation and maintenance of an Eco-friendly Campus Objectives of the Practice: The objectives of this initiative are: • Creating awareness among the college community an atmosphere and learning environment that advances a civil and sustainable growth. • Cheering the college community to steer and uphold sustainable solutions through teaching, research and extension activities that tackle live issues of the campus and its adjacent communities. • Ensuring the preservation of biological diversity and the protection of this eco-sensitive area by adopting thud and sustainable growth. • Fastening the traditional knowledge and practices of local communities and involving them in the conservation and sustainable use of these resources. Context: • Since college is located in drought area, plantation of trees leads to increase in rainfall. • To maintain pollution free environment in the college premises. The Practice: Eco-Friendly Practices followed by both the faculty and the students on the campus are: • Bicycles and Public Transport: The faculty members and the students residing nearby are encouraged to come on bicycles. Thus the emission of carbon dioxide is prevented on the campus. The institution is located beside four lane road connecting Kadapa and Pulivendula. So staff and students are encouraged to use public transport for safety, security and fuel conservation purpose. • Pedestrians Friendly Roads: The campus has wide, well maintained black top roads, covering every nook and corner of it. • Plastic free campus

and Paperless office: Use of plastic bags and cups are discouraged inside the institution. Also, in the canteen, it is insisted on usage of steel plates/ leaf plates and steel cups or paper cups as mandatory. The institution is laid special attention on avoiding paper usage maximum in every part of the administration. The ultimate vision is to see the office completely as paperless. All accounts/office as well as academic information is stored and maintained through systems only. The total campus is Wi-Fi enabled. It is also an easier way to maintain paperless activities properly and promptly. Even the official information and circulars are preferred to be sent only through mails. • Green landscaping with trees and plants: The institution has taken several measures for plantation with the vision Green Campus. 50 of total area is covered with trees. Tree plantation on the campus is the regular activity of the NSS wing. • Grid connected roof top solar photo voltaic power projects: The College has embarked upon roof-top solar installations with an installed capacity of 200 kWp. If the power requirement of the Institution is less than the solar generated power, then the surplus generation is feed to the grid.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.ksrmce.ac.in/demo1/office/Best_Practices1.pdf

7.3 – Institutional Distinctiveness

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

The distinctiveness of KSRM College of Engineering consists mostly in creating for its students an ambiance that provides a 'probing environment' in the area of career and setting of goals for their social sustainability. An individual's personality is an aggregate conglomeration of the decisions they have made throughout their life, and the memory of the experiences to which these decisions led. There are inherent natural, genetic, and environmental factors that contribute to the development of individual personality. To make academics, skill programs, research, innovation and incubation we focused on the following aspects: • Improving Skills and learning new ones • Building or renewing identity /self esteem • Our primary purpose of the incubation center is to facilitate the creation and invention that benefits stake holders of the college and society. • We look for great teams with innovative products, ideas which can solve real problem areas and can scale up to become profitable ventures. • Seminars, Paper presentations, Workshops. • Projects, Project expose Field projects. • Innovation is considered a key to success in the technology startup space. • We conduct research method to the tools that one uses to do research. To make benefit the College is organizing activities focused on following aspects: • Improving self awareness • Improving self knowledge • CRT programs • Improving skills and/or learning new ones • Building or renewing identity/self esteem • Developing strengths or talents • Improving a career • Identifying or improving potential The Institution organizes activities on above said aspects in association with the following consultants. • Career conduit Management Solutions Pvt. Ltd., Hyderabad • Tapasya Infotech., Hyderabad • TIME Institute, Hyderabad • RICHMAN FREELAND., Hyderabad • Mr. Ashiwin Co., Chennai • Seventh Sense., Bangalore • Coign Management Solutions., Hyderabad • Self Motivation by Md. Shakeer • KUBE Technologies., Hyderabad In addition the Institute organizes Webinars, workshops to improve advanced Technical skills, also conducts awareness programs on competitive exams like GATE, GRE, GMAT TOEFL. A person with a high self esteem exhibits the following: • Has a positive feeling about self • Understands that there are self strengths and self weaknesses • Believes to have a higher number of strengths than a number of weaknesses • Believes that strengths are more important than weaknesses • Believes that he or she is an important person With continuous

efforts on the activities to inculcate personality Development skills to the students of KSRMCE, one of our student secured All India Rank 1 in GATE Examination and many more students secured good ranks in Various Competitive exams. Many Students are placed in Indian Civil Services, State and Central Government organizations, Reputed MNCs.

Provide the weblink of the institution
https://www.ksrmce.ac.in/demo1/office/Institute_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

IQAC would like to focus on the following points with respect to the stakeholders, infrastructure and statutory bodies. Students: 1. To improve life skills and ethical values. 2. More awareness on physical fitness. 3. To improve patriotism. 4. To increase Empathy. 5. To improve communicative skills. 6. To improve extracurricular activities. 7.To increase team work. 8. To increase leadership qualities 9. Awareness on higher education in India and abroad. 10. To improve placements through Machine P116. Faculty: 1. Faculty development programs 2. Good working environment 3. As usual incentives for publications and innovations. 4. Special appreciation to faculty. 5. Accountability. Infrastructure and facilities: 1. To strengthen the laboratories beyond syllabus. 2. To strengthen the media center with quality equipment. 3. Increasing smart class rooms. 4. Increasing greenery on the campus. 5. Improving sports facilities Statutory bodies: 1. Applying for NBA 2. Extension of Autonomous status. 3. Participation in NIRF Rankings.