Yearly Status Report - 2018-2019

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	**V.S.S.MURTHY**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08562201488**
Mobile no.	**9885230680**
Registered Email	**principal@ksrmce.ac.in**
Alternate Email	**ksrmcengg@yahoo.co.in**
Address	**Tadigotla Village, Chintakommadinne Mandal**
City/Town	**KADAPA**
State/UT	**Andhra Pradesh**
Pincode	**516003**

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-2017-18.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.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	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
Meeting of IQAC to discuss the extension activities useful to the nearby area /society	20-Sep-2018 2	15
Meeting of IQAC to discuss NPTEL Courses.	27-Apr-2019 1	14
Submission of AQAR 2017-18	03-Oct-2018 4	15
Feedback from students and parents	02-May-2019 8	15
ISO 9001:2015 Certification	11-Aug-2018 2	4
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	nil	nil	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**3**
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)

Conducting FACULTY DEVELOPMENT PROGRAMME" on innovative teaching strategies on 18.06.2019 and 19.06.2019

Getting ISO 9001:2015 certification
Implementation of OBE
Conducting Administrative and Academic Audit for the year 2017-18
Initiatives are taken to promote research.

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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 extension activities useful to the nearby area /society	Awareness about Digitization, Water harvesting, SWACH BHARAT ABHIYAN etc. are conducted
To modify the curriculum in R18 regulations	Curriculum is changed in R 18 according to suggestions by various stake holders
To increase online certification courses	101certifications from NPTEL
Enhancement of the Industry-Institute Interactions by increasing memberships and MoUs	6 MoUs with various companies
To increase the skill programs for students	CRI conducted 58 skill programs
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	23-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**06-Oct-2018**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**

Date of Submission	09-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	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 decisionmaking 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	Civil Engineeringg	03/06/2019
Mtech	12	Geo-Technical Engineering	03/06/2019
BTech	02	Electrical &Electronics Engg	03/06/2019
Mtech	07	Power Systems	03/06/2019
BTech	03	Mechanical Engineeringg	03/06/2019
Mtech	53	CAD/CAM	03/06/2019
BTech	04	Electronics and communication Engg	03/06/2019
Mtech	38	Digital Electronics and CommunicationSystems	03/06/2019
BTech	05	Computer Science Engineering	03/06/2019

| Mtech | 55 | 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	03/06/2018	1821101	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1823102	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1824103	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1805104	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1823105	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1805106	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1824107	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1821201	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1822202	03/06/2018
BTech	Electrical and Electronics Engineering	03/06/2018	1802205	03/06/2018

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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
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018

BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
BTech	civil engineering	03/06/2018
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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 Engineeringg	01/01/2018
BTech	Electrical &Electronics Engg	01/01/2018
BTech	Electrionics and communication Engg	01/01/2018
BTech	Mechanical Engineeringg	01/01/2018
BTech	Computer Science Engineering	01/01/2018
Mtech	Geo-Technical Engineering	01/01/2018
Mtech	Power Systems	01/01/2018
Mtech	CAD/CAM	01/01/2018
Mtech	Digital Electronics and CommunicationSystems	01/01/2018
Mtech	Computer Science Engineering	01/01/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Soft Skills	02/07/2018	120
Electrical Design Engineering	10/09/2018	71
PCB Design	03/12/2018	69
Personality Development	04/02/2019	127
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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&Electronics Engineering	127
BTech	Mechanical Engineering	120
BTech	Electronis & Communication Engineering	180
BTech	Computer Science &	180

Engineering	
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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
Institute collects the feedback from the students, Teachers, Employers, Alumni and Parents every year. The student's gives feedback for all the theory and practical courses taught to them in the year. The Students' Feedback on curriculum is designed to get formative feedback from students that can be used towards the improvements in the quality of course design. The Feedback from Alumni is drawn evaluating subject knowledge of the program, level of meeting expectation, progress of Alumni in career after graduation, impact of training, motivation at Institute, Impact of training at ICT on personality, maturity, Social Skills, ability to take decisions, ability of presentation skills at the workplace . The Employers feedback highlights evaluation parameters in the form of subject knowledge, attitude, Behaviour, Regularity, Punctuality, Maturity, Motivation, Creativity, Presentation Skills and ability to get along with others. The analysis of this feedback helps institute in reframing the course content and various skill development training. It also helps in determining overall employability of our students at various levels. The feedback from the Parents helps the Institute immensely reorienting the administrative, accommodation, general ambience, the skill development, suitability of the courses for career growth of the ward, the skill development of ward etc. Analysis of the feedback is placed before the BOS for further changes in the curriculum.

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	180	135	126
BTech	Electrical and Electronics Engineering	60	60	52
BTech	Mechanical Engineering	120	90	77
BTech	Electronics and Communication Engineering	180	210	161
BTech	Computer	180	243	162

	Science Engineering				
Mtech	Geo Technology	18	22	17
Mtech	Power systems	18	9	7
Mtech	CAD/CAM	18	5	2
Mtech	Digital Electronocs and Communication Systems	18	6	2
Mtech	Computer Science Engineering	18	6	4

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2676	32	188	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
203	203	213	45	15	58047
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

? A batch of twenty students is assigned to one faculty member who would be officiating as a mentor/faculty advisor. ? Every student will be counselled at least once by the faculty counsellor every semester. Issues which can be resolved at the faculty level would be taken care off and those beyond their capability will be referred to higher authorities for resolutions. ? The counselling would be centred around issues pertaining to student performance in academics, overall development of their personality by getting trained in soft skills and English language competence, specific skill set training to be managed by students for better career prospects apart from any specific personal issues which might be affecting their progress. ? Faculty advisor/mentor counsels the students those having less attendance and makes them to attend the classes regularly and reduces the dropout rate. ? The students are encouraged to participate in various technical, cultural and cocurricular activities in various institutes.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2676	203	1:20

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
215	203	12	6	58

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
2018	Dr. K. Amaresh	Professor	Prestigious IRDP Award 2018
2019	A. Valli Bhasha	Assistant Professor	Best paper award
2019	V. Ganga Swetha	Assistant Professor	Excellence in Academics
2019	B. Purushotham Reddy	Assistant Professor	Excellence in Academics
2019	A. Pavan	Assistant Professor	Excellence in Academics
2019	TIPPIREDDYPALLI PRASANTH	Assistant Professor	Topper of 5 in NPTEL Soil Mechanics / Geotechnical Engineering I
2019	N. RAMANJANEYA REDDY	Associate Professor	Topper of 1 in this course in NPTEL Cryptography and Network Security
2019	R V SREEHARI	Associate Professor	Topper of 2 in this course in NPTELMicroprocessors and Microcontrollers
2019	S SHARMILA BANU	Assistant Professor	Topper of 1 in NPTEL Digital Electronic Circuits
2019	S. JABEEN	Assistant Professor	Topper of 2 in NPTEL Antennas
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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	UG	I sem	01/12/2018	12/01/2019
BTech	UG	II sem	07/05/2019	16/06/2019
BTech	UG	III sem	30/11/2018	12/01/2019

BTech	UG	IV sem	09/05/2019	16/06/2019
BTech	UG	V sem	30/11/2018	12/01/2019
BTech	UG	VI sem	09/05/2019	16/06/2019
BTech	UG	VII sem	30/11/2018	12/01/2019
BTech	UG	VIII sem	30/04/2019	16/05/2019
Mtech	PG	II sem	31/07/2019	01/09/2019
Mtech	PG	I sem	06/02/2019	17/02/2019

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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
0	5276	0

2.6 – Student Performance and Learning Outcomes

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

[http://ksrmce.ac.in/cen.html, http://ksrmce.ac.in/csen.html, http://ksrmce.ac.in/eeen.html, http://ksrmce.ac.in/ecen.html, http://ksrmce.ac.in/men.html](#)

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
1	BTech	CE	218	187	85.77
2	BTech	EEE	127	108	85.03
3	BTech	ME	166	157	94.57
4	BTech	ECE	151	136	90.06
5	BTech	CSE	117	92	78.63
12	Mtech	GTE	13	11	84.61
7	Mtech	PS	5	5	100
4	Mtech	CAD/CAM	1	1	100
38	Mtech	DECS	4	4	100
58	Mtech	CSE	2	2	100

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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/IQAC/Student%20Survey%20Analysis%202018-2019.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
Dr. R. Siva Subramanian.
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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	NIL	NIL	30/12/2019	0
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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	Shairdi Sai Electricals Limited	0.5	0.5
Minor Projects	1095	SLN Technologies Pvt Ltd.,	1.6	0.5
Minor Projects	1095	Virtualmaze softsys Pvt Ltd	2.5	1
Minor Projects	730	kube technologies pvt.ltd.	0.5	0.5
Minor Projects	730	JDP tool tech pvt ltd,Hyderabad	0.5	0.5
Minor Projects	730	Wine yard technologies	0.5	0.5
Minor Projects	1095	SSS Data Soft Pvt. Ltd	1.65	0.5
Minor Projects	365	Muncipal Corporation of Kadapa	2	2
Any Other (Specify)	180	FDP, AICTE	5.48	5.48
Any Other (Specify)	730	AICTE, MODROBS	13.22	10.57
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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
Electrical CAAD	EEE	16/08/2018
AI Techniques and Simulation to Power Systems	EEE	14/09/2018
MATLAB and its application to Electrical Engineering	EEE	07/03/2018
PCB Design	EEE	18/03/2019
Copyrights and copyright protection	ECE	18/12/2018
Digital Design using verilog HDL	ECE	15/03/2019
Intellectual property rights and patent filling	ME	16/12/2018
Intellectual property rights and patent filling	ME	21/03/2019
Protection of intellectual property Rights and Plagiarism Rules	CSE	15/11/2018

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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
Prestigious IRDP Award 2018	Dr. K. Amaresh	IRDP Group of Journals	19/03/2018	Teaching and Research Excellence
Best paper award	A. Valli Bhasha	MRECW, Secunderabad	09/02/2019	International Conference
Excellence in Academics	V. Ganga Swetha	KSRMCEFA	15/08/2019	Academics
Excellence in Academics	B. Purushotham Reddy	KSRMCEFA	15/08/2019	Academics
Excellence in Academics	A. Pavan	KSRMCEFA	15/08/2019	Academics
Topper of 5 in NPTEL Soil Mechanics / Geotechnical Engineering I	TIPPIREDDYPALLI PRASANTH	NPTEL	01/04/2019	Academics

Topper of 1 in this course in NPTEL Cryptography and Network Security	N. RAMANJANEYA REDDY	NPTEL	01/04/2019	Academics
Topper of 2 in this course in NPTELMicroprocessors and Micro controllers	R V SREEHARI	NPTEL	01/04/2019	Academics
Topper of 1 in NPTEL Digital Electronic Circuits	S SHARMILA BANU	NPTEL	01/04/2019	Academics
Topper of 2 in NPTEL Antennas	S. JABEEN	NPTEL	01/04/2019	Academics
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Cener for Research and Innovation (CRI)	Sri. B.Pavan Kumar	KSRMCE	Speech Recognition Gesture Controlled Wheel Chair	Hardware developmet through Aurdino	16/04/2019
Cener for Research and Innovation (CRI)	Sri Z.Ajit Kumar	KSRMCE	Multi Purpose Agriculture use Solar Power Sprayer	Hardware developmet through Aurdino	21/05/2019
Cener for Research and Innovation (CRI)	Sri N.V.Arun	KSRMCE	Machine Learning and computer vision	Software development	10/07/2018
Cener for Research and Innovation (CRI)	Sri M. Govardhar Gopi	KSRMCE	Design and development of handicapped wheel cycle	design and manufacturing	15/07/2018
Cener for Research and Innovation (CRI)	Sri D. Purna visesh sagar	KSRMCE	fabrication of road power generation using rack and pinion method	design and manufacturing	05/07/2018
Cener for Research and Innovation (CRI)	Sri S SANDEEP REDDY	KSRMCE	Blood Bank Management System	Software development	09/08/2018

Cener for Research and Innovation (CRI)	Sri SANGATI KAVYA	KSRMCE	Online Examination Fee Payment	Software development	05/07/2018
Cener for Research and Innovation (CRI)	Sri PUTTURU NAGARAJU	KSRMCE	Recipe Made Simple Android Application	Android App Development	15/10/2018
Cener for Research and Innovation (CRI)	Sri R. Anusha	KSRMCE	Assessment of Water Quality Index and Generation of Maps Using GIS	Analysis Through GIS	10/09/2018
Cener for Research and Innovation (CRI)	Sri B.Manjunath	KSRMCE	Effect of Silica Flume on Properties of Concrete as a partial replacement of cement	Hardware (Bricks)Develoment	12/08/2018
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electronics and Communication Engineering	2
Humanities and Sciences	2

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	6	5.1
International	EEE	4	1.42
International	ECE	5	2.45
International	HS	10	4.92
International	ME	6	3.7
International	CSE	5	2.3
International	CE	27	2.2
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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
EEE	2
ECE	5

HS	9
ME	3
CSE	2
CE	0

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3.4.4 – Patents published/awarded during the year

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

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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
Performance Evaluation of Pole arch modified SRM and Optimization of Energy Loss using Fuzzy Logic	Dr.T.Mariprasath	Current Signal Transduction Therapy	2018	2	Audisankara Institute of Technology	1
Robust Cooperative Control in Multiarea System using Differential Game Theory under Weak Grid Condition	S. Khadarvali	ARPN Journal of Engineering and Applied Sciences	2019	2	JNTUA, Anantapuramu	1
Adaptive granular neural networks for remote sensing image classification	D. A. Kumar and S. K. Meher and K. P. Kumari	IEEE J. Sel. Topics Appl. Earth Observ.	2018	4	JNTU KAKINADA	3
Fusion of progressive granular neural	D. A. Kumar and S. K. Meher and	Soft Comput. Springer	2018	5	JNTU KAKINADA	3

networks for pattern classification	K. P. Kumari					
"Unsteady MHD Convective flow of Rivlin-Ericksen Fluid over an Infinite Vertical Porous Plate with Absorption Effect and Variable Suction"	Dr. B Rambhupal Reddy	International Journal of Applied Engineering Research, ISSN: 0973-4562 Volume 14, Number 1 pp. 184-195.	2019	2	KSRMCE	1
Optimization techniques used in identical parellel machine scheduling	P.Sreenivas	IJMET	2018	6	IAEME	6
Extracting the User's Interests From Web Log Data Using Short Period Extracting Algorithm	k.Srinivasa Rao	Journal of Advanced Research in Dynamical and Control Systems	2019	1	Institute of Advanced Scientific Research	1
A Multi Level Lightweight Method to Find Malfunctioning Nodes in WSN	G.Nagendra Babu	Journal of Adv Research in Dynamical Control Systems	2019	1	Institute of Advanced Scientific Research	1
The Lossless Medical Image Compression for Telemedicine Applications with	B. Venkata Ramana Reddy	Jour of Adv Research in Dynamical Control Systems	2018	3	Institute of Advanced Scientific Research	3

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
An image encryption algorithm using logarithmic function and Henon-chaotic function	B. Venkata Ramana Reddy	International Journal of Computational Vision and Robotics	2018	2		Inderscience Enterprises Ltd. (2)

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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
Performance Evaluation of Pole arch modified SRM and Optimization of Energy Loss using Fuzzy Logic	Dr.T.Mariprasath	Current Signal Transduction Therapy	2018	15	1	Audisankara Institute of Technology
Robust Cooperative Control in Multiarea System using Differential Game Theory under Weak Grid Condition	S. Khadarvali	ARPN Journal of Engineering and Applied Sciences	2019	21	1	JNTUA, Anantapuramu
Adaptive granular neural networks for remote sensing image classification	D. A. Kumar and S. K. Meher and K. P. Kumari	IEEE J. Sel. Topics Appl. Earth Observ.	2018	4	38	JNTU KAKINADA
Fusion of progressive granular neural networks for	D. A. Kumar and S. K. Meher and K. P. Kumari	Soft Comput. Springer	2018	4	25	JNTU KAKINADA

pattern classification						
"Unsteady MHD Convective flow of Rivlin-Ericksen Fluid over an Infinite Vertical Porous Plate with Absorption Effect and Variable Suction"	Dr. B Rambhupal Reddy	International Journal of Applied Engineering Research, ISSN: 0973-4562 Volume 14, Number 1 pp. 184-195.	2019	25	1	KSRMCE, KADAPA
Optimization techniques used in identical parellel machine scheduling	P.Sreenivas	IJMET	2018	13	6	IAEME
Extracting the User's Interests From Web Log Data Using Short Period Extracting Algorithm	k.Srinivasa Rao	Journal of Advanced Research in Dynamical and Control Systems	2019	8	2	Institute of Advanced Scientific Research
A Multi Level Ligh tweight Method to Find Malfunctioning Nodes in WSN	G.Nagendra Babu	Journal of Adv Research in Dynamical Control Systems	2019	8	2	Institute of Advanced Scientific Research
The Lossless Medical Image Compression for Telemedicine Applications with Delimiter	B. Venkata Ramana Reddy	Jour of Adv Research in Dynamical Control Systems	2018	8	3	Institute of Advanced Scientific Research

An image encryption algorithm using logarithmic function and Henon-chaotic function	B. Venkata Ramana Reddy	International Journal of Computational Vision and Robotics	2018	8	3	Inderscience Enterprises Ltd.

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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	8	82	4	4

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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)
Electrical and Electronics Engineering	Electrical Instalation	Kadapa Spinning Mills Limited	125325
Electrical and Electronics Engineering	Electrical Instalation	Rayalaseema Spinning Mills Limited	135425
Electronics and Communication Engineering	Labview applications and its Programs	TechFluent Solutions Pvt Limited	20000
Electronics and Communication Engineering	OPNET Training	Avantel Limited	30000
Mechanical Engineering	Utilization of 3d printer services	consultung /sponsoring agencies	25000
Mechanical Engineering	Utilization of CREO 4.0 software	proffessional cadd center	20000
Mechanical Engineering	Utilization of CREO 4.0 software	proffessional cadd center	20000
Mechanical Engineering	3D printer services CNC machines training and project assistance	Frigate ,trichy,tamilnadu	30000
Computer Science Engineering	Software Piracy Protection Project	Facet Technologies	132450
Computer Science Engineering	Online Diagnostic Lab Reporting System	IGENIESES technology Solution	125250

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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
Dr. K. Aamaresh EEE	Reliability Engineeing and Applications to Power Systems	Guru Nanak Institutions Technical Campus, Hyderabad	20000	27
Dr. G. Hemalatha ECE	Modeling on communication systems	Surya Tech solutions	50000	25
Dr.k.Raja gopal MED	3D printing and rapid prototyping technologies	prasad industries Hyd. Winwill	40000	40
Dr.B.Sudarshan and U.pradeep kumar , MED	cnc technologies and 3d modelling softwares	cemec	30000	25
Dr.k.Raja gopal T.V.V.S.N murty prof. ,MED	3D printing and rapid prototyping technologies	Sibar auto parts chittor.	40000	40
KhadarBasha, CSE	Python Programming	JKL Media consulting solutions Pvt.Ltd	125430	54
S. Khaja Khizar,CSE	Arduino Programming	Mind and Tech Software Venture	105380	46
Prof. A.Mohan and Dr. G. Sreenivasa Reddy	Quality Control and Assurance	Panchayati Raj	100000	30

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International yoga day	NSS Dept./ART of living,Kadapa center	20	100
Integration camp	Step office-kadapa	5	8
Training program on financial literacy	NSS Dept./learning link foundation	32	200
Drug free India	NSS Dept./ART of	23	100

	living,Kadapa center		
Collection of fund for cyclo victims	NSS Dept.	12	30
Swacch Bharat	NSS Dept.	29	100
Disaster management first aid	NSS Dept./Indian red cross socitey	18	100
janmabhoomi-Maa ooru	Ap govt.	14	25
pariksha pe charcha	NSS Dept.	20	200
Awareness on traffic rules	NSS Dept.	50	350

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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
Blood Donation camp	Appreciation	Boga Parvathamma Blood Bank	74
Health camp	Appreciation	APDHMO	38
Community development survey	Appreciation	IRCS	42

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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
Traffic rules	AP Police	Awareness on traffic rules	50	350
First Aid	IRCS	First Aid	14	100
Swacch Bharat Abhiyan	NSS Dept.	Swacch Bharat	18	100
Vanam -manam	NSS Dept.	Tree plantation drive	23	100
Awareness by hospital	NSS Dept.	Awareness camp on migrane	100	50
Industry	NSS Dept.	Industry awareness program	20	150
Arise India	NSS Dept.	Uttishtha Bharat	26	100
Moral support	NSS Dept.	Pariksha pe charcha	24	200

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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
CLAD Certification	K. Pradeep, M. Bhavya, B. Mohan Krishna and B. Shanthi Kumar	KSRMCE	32
NI Customer Education CertificationNI Customer Education Certification	Dr. M. Venkstanarayana, Mahaboob Pasha Mohammad, G. Suneel Kumar, Y. Venkateswara Raju	KSRMCE	700
AUTOCAD Certification	P.Siva Seshu, Naga Mahesh, Mahesh Rebba	KSRMCE	30
Implantation Certification at CITD, Hyderabad	P. Siva Seshu	KSRMCE	300
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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
Industrial Training	Internship	SMEC Automation, Ernakulam, Kerala. Ph: 91 4842340904 Email: mail@smec.ac.in	16/05/2019	30/05/2019	G. Chandrayudu, M. Madhu Sai Teja, Y. Rajanna, K. Veerendra Kumar, B. Sunith Kumar
Industrial Training	Industrial Training	Shirdi Sai Electricals Limited	23/01/2019	27/02/2019	A.R.P. Gangadhr, D. Sai Tehaswani, D. Vara Lakshmi, K. Tirumalesh, K.K Priya
Industrial Training	Project work	Directorate of Systems DRDL 040-24583151	16/12/2018	08/01/2019	N.V.Arun, N.Leela Manohar, P.Haneesha, P.Venkata Kavya, K.Prasanna Lakshmi

BTECH MTECH projects , research projects	project work	Hoist industries and testing	18/12/2018	10/01/2019	final year Btech/Mtech students
BTECH MTECH projects , research projects	project work	Shirdi Sai Electricals Limited	04/12/2018	02/01/2019	final year Btech/Mtech students
BTECH MTECH projects , research projects	project work	proffessional cadd center	22/12/2018	08/01/2019	final year Btech/Mtech students
BTECH MTECH projects , research projects	Internship	Gulf Consultant	31/12/2018	21/01/2019	final year Btech/Mtech students
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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	10/05/2019	Training on Solar PV Emulator	15
Shirdi sai electricals limited.	10/09/2018	internship for B.tech students ,to do M.tech projects and research projects	12
Executive Engineer G.N.S.S, Pulivendula, Kadapa	25/12/2018	Internship and Project Work	30
SILOV Solutions Private Limited, Technology Bussiness Incubation Unit at IIT Delhi	10/05/2019	Training on CMOS drives	20
Win will technologies services,Hyderabad	10/10/2018	internship for B.tech and M.tech students and research projects	10
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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
100	98.58

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP	Fully	2.0	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	67819	27095056	603	241200	68422	27336256
Reference Books	12320	4993000	126	50400	12446	5043400
e-Books	3694	1249700	225	112500	3919	1362200
Journals	564	853908	211	430908	775	1284816
e-Journals	2149	357505	25	298325	2174	655830
Digital Database	7660	3725000	55	27500	7715	3752500
CD & Video	3630	717000	50	11525	3680	728525
Library Automation	1	200000	0	20000	1	220000
Weeding (hard & soft)	619	247600	119	47600	738	295200
Others(specify)	1	300000	0	0	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

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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	827	18	1	5	9	8	9	64	0
Added	122	1	0	0	0	0	0	36	0
Total	949	19	1	5	9	8	9	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
35	33.29	35	34.02

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

    The physical facilities including Laboratories, Library, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The classroom boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the nongovernmental organizations for conducting the exams like APPSC, EAMCET etc. The maintenance and cleaning of the classrooms and the laboratories are done with the efforts of the nonteaching staff and in major cases the college goes for the maintenance contract to local experts. The college garden is maintained by the gardener appointed by the institute. The college has adequate number of computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students as time permits them, the office computers which are also connected through the LAN is

consisting of the office software making work easier and systematic are restricted their use only to the appointed office staff. The library is also provided LAN facility for the computers and they are loaded with the library software. The staff can make use of the computer systems with internet at their seating places. The ICT Smart Class Rooms and the related systems are maintained with AMC of the corresponding service provider. The college website has maintained regularly by Data acquisition Maintenance committee. The maintenance of UPS and the Generator is regularly done by AMC of the corresponding service Provider. The Central Library has developed an excellent collection of books, journals and nonbook material in science, engineering, technology, humanities, social sciences and management. It maintains separate collection of Reference Books, Bound volumes of journals, Technical Reports, Theses. The library is using OPAC (Online Public Access Catalogue), wherein the users can search the Library Online Catalogue by Authors name, title, subject, and keywords available on the campus LAN. A separate wing is provided for competitive exam books. Our Central Library is so spacious that it can accommodate 300 users at a time. Our Central Library is fully automated and the data base managed by Engineering College Automation Package (ECAP) software.

https://www.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	160	3271000
Financial Support from Other Sources			
a) National	Fee reimbursement Scheme	2043	24918000
b)International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skills	02/07/2018	232	M/s FACE Training consultant, Coimbattor
Soft skills	21/08/2018	2252	M/s. Career Conduit Management Solutions Pvt. Ltd. Hyderabad
Soft skills	16/07/2018	2252	M/s. Coign Consultants Pvt. Ltd. Hyderabad
Language and communication skills	14/08/2018	2681	KSRMCE, Kadapa
Yoga	21/06/2019	97	Sri C.Venkatarama, School Assistant,

Personality Development	12/02/2019	150	Pandit Ravi shankar, Founder of Art of Living, Banglore on Drug Free India
Personality Development	12/12/2019	200	Global young wing of Chinmaya Mission, Kadapa
Awareness on Financial literacy	28/10/2019	100	Learning links foundation, Kadapa
Awareness program Migraine problems due to stress in life	11/09/2019	100	Dr. Jagadeesh, Neuro Physician, 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
2018	Campus Recruitment Training	712	712	421	421

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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	3

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
WESTLINE LINE SHIPPING SERVICES	254	50	TCS	156	9

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

Year	Number of students enrolling into	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

higher education					
2018	1	B.Tech	Computer Science Engineering	California State University Chico	Computer science Masters Degree
2018	3	B.Tech	Electronics and Communication Engineering	NIT, Suratkal, Karnataka	Communication Engineering and Networks
2018	1	B.Tech	Civil Engineering	JNTUA, Anantapuramu	M.Tech (VLSI)
2018	1	B.Tech	Electronics and Communication Engineering	Griffith University, Australia	Master of Environmental Engineering and Pollution Control
2018	1	B.Tech	Electronics and Communication Engineering	JNTUA, Anantapuramu	Internet of Things
2018	1	B.Tech	Electronics and Communication Engineering	JNTUA, Anantapuramu	Internet of Things
2018	1	B.Tech	Electronics and Communication Engineering	SVU college of Engineering, Tirupathi	Signal Processing
2018	1	B.Tech	Electronics and Communication Engineering	JNTUA, Anantapuramu	Digital Electronics and Communication Systems
2018	1	B.Tech	Electronics and Communication Engineering	JNTUA, Anantapuramu	Digital Systems and Computer Electronics
2018	1	B.Tech	Electronics and Electrical Engineering	Chiranjeevi Reddy Engg. College,Anantapur	Electrical power systems
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	12
Any Other	32
CAT	13
GRE	15

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

Activity	Level	Number of Participants
Inter Autonomous Engineering colleges games tournament	National	84
Eenadu cricket tournament	National	15
National level techno cultural sports fest, Madanapalle	National	20
JNTUA University Tournament (selections)	National	58
AITS Kadapa Volleyball Tournament	National	10
5th AP state level Junior Wrestling contest	National	4
AITS MAHOTSAV 2K18 cultural fest	National	25
KORMCE 2K18 cultural fest	National	30
District and state level sports meet	National	10
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Winner	National	1	0	159Y1A01A8	P. Raviteja
2018	Runner	National	1	0	189y1a0512	B. Ganesh
2018	Runner	National	1	0	159y1a0241	G. Lohith pavan
2018	Runner	National	1	0	159y1a0161	K.B. Phanindra Reddy
2018	JNTUA University Tournament	National	1	0	189Y1A0512	B.Ganesh
2018	JNTUA University Tournament	National	1	0	159Y1A0171	K.C.M. Johnson
2018	JNTUA University Tournament	National	1	0	179Y1A0472	K.S.Abdul Kalam
2018	JNTUA University	National	1	0	159Y1A0225	G.Pavan kumar

	Tournament					Reddy
2018	JNTUA University Tournament	National	1	0	169Y1A0206	B.Nikhil Babu
2018	JNTUA University Tournament	National	1	0	169Y1A0118	H. Anand

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

Student members are involved in several Institute and Department level committees with active participation. Internal Quality Assurance Cell (IQAC): Student representatives are nominated for this cell who participate in the decisions regarding the quality initiatives of the institute. Sports Committee: Student representatives give valid suggestions towards the sports activities within the institute and also address the adequacy of the infrastructure and other facilities. Hostel Committee: They play major role regarding food quality, hygiene and other general facilities. Also they voluntarily monitor day to day activities and bring to the notice of the warden immediately. Fest Organizing Committee: To organize Tech fest "AARABDH", Cultural fest " ENFEU, TECHMANTRA", and SPORTS DAY. All these fests are organized and executed by the students. Student members of all professional societies and student clubs actively taking part in hosting this event a grand success. Editorial Board, NEWS letter: The monthly news magazine publishing technical events and technology developments is compiled and printed involves the student representative from various disciplines. Student club: The institute has an active students club, which has its own student executive body which functions or operates under the guidance of faculty members as faculty advisor and club mentor. The student club is responsible for conducting cultural activities, cocurricular activities, extracurricular activities, technical quizzes, project exhibitions, technical student seminars, debates and GATE mock tests. The student coordinator and assistant student coordinator are members of the disciplinary committee and the core committee of the Institution. Thus, they, on behalf of the whole student community take part in the decision making. In addition to the above, students are encouraged to join NSS and participate in service activities like organizing blood donation, rural health sanitation and environmental awareness camps in the neighbouring areas as a social responsibility.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni of KSRMCE (198589 batch) have formed an association "KSRMCE Friends Association" few years ago with an intent to give back to society. Some of the activities of the association 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 19881992 batch donated Rs 400000/ in the year 2017 for the purpose of developing the laboratories • Besides financial contributions, the Alumni as and when they visit the college, interact with the students and also deliver

guest lectures. • They also provide guidelines to the students for better career and give the information about the latest industry requirements. • Alumni provide help in placements.	

5.4.2 – No. of registered Alumni:

150

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

75000

5.4.4 – Meetings/activities organized by Alumni Association :

02

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, nonteaching 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 decisionmaking 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
Teaching and Learning	• Lesson plan will be prepared in every course and instruction will be delivered adhering to the academic plan. Lesson diary is recorded in the class student attendance register. Instead of listening to the teacher exclusively, students and teachers

	interact equally. • Empowering innovation, experimentation and creativity by teachers to effectively utilise new methods of ICTs. • Maintaining a culture of professionalism, accountability and responsibility amongst teachers. • Workshops to share good practices involving experimentation, collaboration among faculty and students. • Designing and conducting bridge courses to help students understand and assimilate institute teaching learning practices
Curriculum Development	• Required inputs will be taken from various stake holders like employers, parents, students,teachers and alumni, etc. these inputs are discussed at length in BOS and finalized appropriately. • A course end survey is conducted at the end of every course and necessary measures are taken. The results of mid exams are mapped with Course Outcomes and the achievement levels are indexed. • Planned cycles of curriculum review. • Linking faculty development programs to curriculum design delivery. • Creating assessment plan and procedures to determine curriculum effectiveness. • A frame work for optimising local, state and nation standards in curriculum. • Monitoring curriculum delivery.
Examination and Evaluation	• All components in any programme of study are evaluated continuously through internalevaluation and an external evaluation. Internal evaluation is done throughout semester/yearin the form of mid examinations and assignments. External evaluation is done at the end ofsemester/ year in the form of end examination. ?Question paper setters for end examination are from outside the college. Subject experts from our institute prepare the scheme of evaluation, giving guidelines for the examiners for distribution of marks for different points in the question. In case of numerical problems, solution of the problems with distribution of marks for different stages should be given in scheme of marking. Feedback on question paper will be collected from subject experts to improve the quality of questions in future. Evaluation of answer scripts will be done by the

	external examiners from other colleges and universities. ? • The method of evaluation involves coding decoding of answer scripts to ensure unbiased evaluation. Evaluation process is transparent. Institute communicates the outcome of the evaluation by publishing results on the internet through Institute website. ? • Students shall be permitted to request for recounting/ revaluation of the end theory examination answer scripts within a stipulated period after announcement of the results. ? • After recounting or revaluation, records are updated with changes if any and the student will be issued a revised memorandum of marks. If there are no changes, the student shall be intimated the same through a letter or a notice. ? • Establishing guidelines for faculty members for preparing appropriate list questions.? • Self testing by students.? • Correlating students performance in exam with students feedback on learning objectives.?
Research and Development	• Periodical FDPs are organized to encourage in research work. • Faculty members are encouraged and supported to publish papers and also present papers in conferences and journals with high impact factor through incentives like travel reimbursement, funding and awards. • Modernising laboratories with equipments and tools needed for research and product development. • Establishing linkage with institutes of repute and research labs. • Reorienting and training faculty members in current research topics. • Involving students in minor and major research projects. • Establishing inter disciplinary research groups that work on product development.
Library, ICT and Physical Infrastructure / Instrumentation	• The library has a collection of good number of books meeting the requirement of students and faculty. New titles and volumes of text books are added every year continuously, by allocating required budget to procure books and ejournals. • Information and Communication Technology has been made an integral part of teaching learning process by converting some of the conventional class rooms into eclass rooms. These rooms have been equipped with LCD projectors, digital boards and

	audio systems. • All the departments and divisions are continuously appended with additional physical infrastructure regularly when ever required and also based on the inputs taken from the stakeholders through feedback. Faculty chambers are provided computers with internet facility. • Providing digital infrastructure for teaching, learning and collaboration. • Providing physical infrastructure in laboratories with hardware and software tools for teaching, learning and research. • Providing access to print and digital literature through library services. • Providing congenial reading and work environment in library. • Providing training to library staff.
Human Resource Management	? Self Performance appraisal ? Salaries are as per norms ? Annual Increments are based on self appraisal and Merit. ? Time and attendance are monitored on daily basis ? FDPs are Conducted to train the newly recruited faculty ? Several departmental workshops are held to train the faculty and staff to enable them to update their knowledge. ? IQAC creates awareness among faculty on sponsored research projects and industrial consultancy.
Industry Interaction / Collaboration	With constant encouragement by the management, the departments constantly strive to enter into MoUs with the industries to provide summer internships, main projects for students. Industry experts are invited to give seminars on the advanced technology. Interaction with industry helps to provide industrial visits, arranging training programmes to students. Interaction with industry is providing opportunities for consultancy works and research.
Admission of Students	70 of the admissions to UG PG programmes are by Government and 30 by management. While filling the 30 quota of management seats to make more transparent, publicity is given in all local news papers calling for applications from all the aspiring students. The Management admits candidates for the Management and NRI quota based on merit and should possess first class is optional.

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
2018	A.Valli Basha	ICSPCOMSD-1019	0	4500
2018	A.Valli Basha	JNTUA, Ananthapuramu	0	2000
2018	Syed Zahiruddin	CI SUMMIT-2018, Bangkok	0	31509
2018	Syed Zahiruddin	JECRC University, Jaipur(2019)	0	9500
2018	Syed Zahiruddin	NCVSCOMS-2019, Guntur	0	9500
2018	R.V.Sree Hari	IIEECP Phase 1 Workshop, VIT Amaravati 12-14 July 2018	0	4000
2018	R.V.Sree Hari	ABET Seminar, Vijayawada, 15	0	1000

		July 2018				
2018	R.V.Sree Hari	AP International Conference on Transformations In Engineering Education (APICTIEE) 2018, SRM Amaravathi 15-17 July 2018	0			7000
2018	R.V.Sree Hari	Pre conference workshop	0			1000
2018	R.V.Sree Hari	Sixth International Conference on Transformations In Engineering Education ICTIEE 2019, Malla Reddy College of Engineering (Autonomous) Hyderabad, Telangana on 7, 8 Jan 2019	0			5000
		View File				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	special training for CLAD exam	00	18/06/2018	23/06/2018	22	0
2018	Python for Everybody certification course by APSSDC		04/06/2018	15/06/2018	16	0
2018	CLAD training and exam		12/07/2018	14/07/2018	22	0
2018	Python for Everybody certification course by APSSDC		11/07/2018	21/07/2018	28	0

2018	Revit Arch itecture part by APSSDC		11/07/2018	25/07/2018	29	0
2018	AutoCAD Pr ofessional certificat ion course by APSSDC		11/07/2018	25/07/2018	22	0
2018	Google Andriod De velopment Workshop Phase 1		26/07/2018	28/07/2018	40	0
2018	RS and GIS for Civil engineerin g applicat ions		17/08/2018	18/08/2018	22	0
2018	24 hrs Hackathon on Archite cture, Eng ineering and Constr uction		03/08/2018	04/08/2018	12	0
2018	Remote Sensing And Gis 2Days Workshop		17/08/2019	19/08/2019	30	0

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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
Innovative Teaching Strategies	1	18/06/2019	19/06/2019	2
Innovative Teaching Strategies	1	18/06/2019	19/06/2019	2
Issues,challeng es solutions conducted in civil engineering	1	07/03/2019	08/03/2019	2
Sci lab programming	1	04/05/2019	04/05/2019	1
Innovative	1	22/05/2019	23/05/2019	2

techniques in engineering management				
Land water management	1	24/04/2019	24/04/2019	1
Water shed development its role in water resources management	1	15/07/2019	15/07/2019	1
Organizational Behaviour	1	12/11/2019	16/11/2019	5
Organizational Behaviour	1	12/11/2019	16/11/2019	5
Introduction to machine Learning	1	11/02/2019	15/02/2019	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
203	203	113	113

6.3.5 – Welfare schemes for

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

6.4 – Financial Management and Resource Mobilization

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

The institution is having qualified practicing charted accountant as External auditor who is auditing the accounts of the college once in a Year. After the audit, the report is sent to the management for review. The auditor is appointed by the Management. In addition to this, the institution is having consultants to give opinion on taxation and legal issues. Further the following committees are formed for internal auditing purpose. 1. Finance Committee. 2. Management Committee. Finance Committee: Finance committee gathers and approves the annual budget of the Autonomous section and institute level for each financial year and review the utilization of funds of previous year as per budgetary provision. It meets once in a year and twice if required. The draft budget is placed to the finance committee for the approval. All the current year spending is carried out as per provision given in the budget. Periodic reviews are carried out to monitor the utilization of the budget as per the provision given in annual Autonomous budget. Principal conduct the reviews with

the help of chief account officer and Accounts officer a quarterly basis and make sure that the funds are utilized effectively. Management Committee: Institute level budget is approved by institute Governing Body and management Committee at the end of each financial year for the coming year. Each department Committee headed by the HOD, senior faculty and lab in charges and prepares the annual budget for each financial year, this exercise is carried out taking the recurring non – recurring expenditure requirement for the department for the entire year. A detailed requirement is submitted to principal. Account officer prepare the institute level requirement and prepare the detailed budget. All the department requirements and institute level requirements are discussed in HODs meeting and finalize the total recurring and nonrecurring budget requirements. The comprehensive budget proposal is placed before the Governing Body and Management committees for final approval. Effective monitoring system is in place from quotations stage to the installation and commissioned stage. Any additional requirements arise due to unforeseen expenditure may be discussed in the HODs meeting and Management Committee is requested to approve Quarterly review of the expenditure is carried out in each department, to monitor the effective utilizations of funds. The Last audit was done on 31st March, 2019 and as on date there is no adverse remark on the accounts of the institution. The college is filing income tax return every year within the stipulated time.

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
A.M.R. Constructions	75000	Consulatancy/Workshop/training

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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	University faculty	Yes	IQAC
Administrative	Yes	University faculty	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 forthe students to achieve technology oriented skills/jobs To institute scholarships, prizes, medals,

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
2018	TWO DAY FDP ON "INNOVATIVE TEACHING STRATEGIES"	18/06/2019	18/06/2019	19/06/2019	41
2018	Electrical CAAD in connection with Innovian's Technologies	18/08/2018	16/08/2018	17/08/2018	62
2018	AI Techniques and Simulation to Power systems	14/09/2019	14/09/2018	14/09/2018	30
2018	MATLAB ant its application to Electrical Engineering	07/03/2019	07/03/2019	07/03/2019	50
2018	PCB Design	18/03/2019	18/03/2019	19/03/2019	71
2018	copy rights and copy right registration	18/12/2018	18/12/2018	18/12/2019	78
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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
Awareness Program on Women Safety and Respect	19/09/2018	19/09/2018	160	78
Gender sensitization programme	27/11/2018	27/11/2018	350	110
Seminar on International women day	08/03/2019	08/03/2019	125	75
Awareness Program on Women Safety and Respect	01/04/2019	01/04/2019	100	100
Yoga for life	21/06/2018	21/06/2018	50	55
Women in STEM	28/07/2018	28/07/2018	80	0
Anti-Ragging awareness program	31/07/2018	31/07/2018	110	250
A Talk on leadership	24/01/2019	24/01/2019	100	50
Peace of mind by Yoga	21/04/2019	21/04/2019	25	40

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
46

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	01/01/2019	6	Say no to Open Defecation Free	Tadigotla Village	65
2019	1	1	20/01/2019	6	Community development survey (in association with Red Cross)	Tadigotla, Shivaji Nagar	68
2019	1	1	21/01/2019	7	Community development survey (in association with Red Cross)	Kopparthi Village	68
2019	1	1	22/01/2019	6	SwachhBharath	Tadigotla Village	35
2019	1	1	23/01/2019	6	Spraying of Bleaching	Tadigotla Village	65
2019	1	1	24/01/2019	6	Say no to Plastic	Tadigotla Village	65
2019	1	1	25/01/2019	6	National Voters Day	Tadigotla Village	85
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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	01/01/2018	The mission of the College is to prepare the students for future. This entails high quality instruction delivery supported by allied activities like research, industryinstitute 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 ofothers. 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	01/01/2018		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
Awareness on Digital Transactions	10/08/2018	10/08/2018	80
Independence Day	15/08/2018	15/08/2018	250
Sadhbhavana Diwas	20/08/2018	20/08/2018	220
Teachers Day	05/09/2018	05/09/2018	300
Gandhi Jayanthi	02/10/2018	02/10/2018	100
National Unity Day	31/10/2018	31/10/2018	200
Road Safety Week	20/11/2018	20/11/2018	350
Steel Plant Movement	29/12/2019	29/12/2019	70
Janma Bhoomi Maa Ooru	07/01/2019	07/01/2019	30
National Voters Day	25/01/2019	25/01/2019	250
Republic Day	26/01/2019	26/01/2019	250
Disaster Management	03/02/2019	03/02/2019	120
A Rally on Pulwama Attack	19/02/2019	19/02/2019	220
Awareness Program on Professional Ethics	08/03/2019	08/03/2019	310
Swachh Bharat	12/03/2019	12/03/2019	110
International Yoga Day	21/06/2019	21/06/2019	60
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Public Transport: The institution is located beside four lane road connecting Kadapa and Pulivendula. So we encourage our staff and students to use the public transport for safety, security and fuel conservation.

2. Pedestrians Friendly Roads: The campus has wide, well maintained black top roads, covering every corner of it.

3. Plastic free campus: Use of plastic bags and cups are banned in the campus. Even in the canteen usage of steel plates/ leaf plates and steel cups or paper cups are mandatory.
4. Paperless office: The Management has taken keen interest to make the office a paperless office. The accounts/office and academic information is stored and maintained through systems only. The complete campus is WiFi enabled, making it much easier for paper less activities. Even the official information and circulars are preferred to be sent only through mails.
5. Green landscaping with trees and plants: The institute has taken several measures for planting to make Green Campus. More than 50 of total area is covered with trees. Tree plantation in the campus is the regular activity of the NSS.

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 haveadequate 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 ofcourse 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. • To monitor course delivery continuously during the progress of the semester, based on thefeedback/input given by the stakeholders. • To put a system in place for measuring the attainment of the intended course outcomes quantitativelyand 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 teaching of students at all levels is to be distributed among faculty members without regard to rank or seniority as such. Basiclevel 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 basiclevel courses. This is not to say that teaching assignments should beunrelated 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 mentorof 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. 2. Creation and maintenance of an Ecofriendly 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 ecosensitive 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. EcoFriendly 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 we prevent the emission of carbon dioxide on the campus. The institution is located beside four lane road connecting Kadapa and Pulivendula. So we encourage our staff and students to use the 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 WiFi 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 rooftop 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. 3. Improving Teaching and Learning Process Goals: To achieve the principles of the teaching / learning process which are multifold. The principles on thebasis of which this best practice was decided was – to raise the curiosity of a student in a particulartopic, to encourage the students to question the obvious and to increase the interaction in the class. The Context: Rapid advancement in technology is one of the major issues that affect the teaching/learningprocess. The facilitators find it difficult to keep pace with the technosavvy learners. Further there is rapidchange taking place in technology which aggravates the problem. Keeping the audience captivatedthroughout the lecture is another challenge. The facilitator is required to use a variety of tools to keep thelearner engaged in the learning process. Having access to a variety of tools all the time may not bepossible. Today knowledge is just a click away to the learner a challenge faced by facilitators is to keep pace with the latest news and happenings. The teaching/learning process is given immense importance in the institute. The institute trains their facilitators continuously to help them enhance their teaching abilities. The learning imparted to the teachers is implemented in enhancing the learning experience of the learner. The teaching /learning process starts with designing of a lecture plan by the facilitator. The lecture plan is given in advance to the learners. The facilitator initiates a discussion or tells a story or questions the learners before defining the objectives. The objectives of the lectures are defined to specify to the learner the learning outcomes. During the lecture, discussions and questioning is encouraged. Holistic learning is encouraged through the continuous

evaluation system. Various forms of assessment are used for continuous evaluation such as group discussions, assignments, PowerPoint presentations, class test to name a few. Various cocurricular activities are also organized for the learners. These activities give anopportunity to the students to put their knowledge into application. An aspect very unique about our teaching /learning process is the freedom given to learners to share their views and ideas. Even ideas that sound impractical are discussed and a proper explanation is given to the learners why they cannot be implemented. The learner is the part of the learning process rather than just a spectator of the same. A major limitation of the teaching /learning process is the time constraint. The facilitators have various ideas which they would like to implement in their class, however due to paucity of time all of them cannot be implemented.

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

http://www.ksrmce.ac.in/demo1/office/Best%20Practices.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 individuals 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 /selfesteem • 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 selfawareness • Improving selfknowledge • CRT programs • Improving skills and/or learning new ones • Building or renewing identity/selfesteem • 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 selfesteem 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%20Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

1. To increase the faculty publications in reputed journals 2. To obtain funding projects 3. To increase the student certifications in skill programs 4. To increase IPR and technology transfer output. 5. To sign more MoUs.