



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	EXCELSSIOR EDUCATION SOCIETY'S K.C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH
• Name of the Head of the institution	Dr. Vilas Nitnaware
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	022-25327100
• Mobile no	9867055566
• Registered e-mail	principal@kccemsr.edu.in
• Alternate e-mail	iqac@kccemsr.edu.in
• Address	Mith Bunder Road, Near Sadguru Garden
• City/Town	THANE EAST
• State/UT	Maharashtra
• Pin Code	400603
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing												
• Name of the Affiliating University	Mumbai University												
• Name of the IQAC Coordinator	Dr. Arundhati Chakrabarti												
• Phone No.	02225356085												
• Alternate phone No.	9028012321												
• Mobile	9028012321												
• IQAC e-mail address	arundhati.chakrabarti@kccemsr.edu.in												
• Alternate Email address	iqac@kccemsr.edu.in												
3.Website address (Web link of the AQAR (Previous Academic Year)	https://kccemsr.edu.in/naac/AQAR-2019-20												
4.Whether Academic Calendar prepared during the year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	https://kccemsr.edu.in/public/naac/academic-calendar-2020-21.pdf												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B++</td> <td>2.88</td> <td>2019</td> <td>14/06/2019</td> <td>13/06/2024</td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B++	2.88	2019	14/06/2019	13/06/2024	
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
Cycle 1	B++	2.88	2019	14/06/2019	13/06/2024								
6.Date of Establishment of IQAC	01/09/2017												
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,													
<table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>NIL</td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	NIL	NIL	NIL	NIL	NIL			
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount									
NIL	NIL	NIL	NIL	NIL									
8.Whether composition of IQAC as per latest NAAC guidelines	Yes												
• Upload latest notification of formation of IQAC	View File												

9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>NBA accreditation for Computer Engineering department and Electronics & Telecommunication Engineering.</p>		
<p>For strengthening of research profiles of faculties, faculty mentorship scheme was initiated. To strengthen the research profile of the department more doctorate faculties were hired.</p>		
<p>For better industry readiness of the students, the institute took initiative to train the faculties in collaboration with Eduskills and global certification programmes.</p>		
<p>The faculties trained through Eduskills global certification program delivered Add-On/Value-Added courses to our students.</p>		
<p>Our institute is registered as the Nodal center for IIT Bombay.</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
<p>The quality of various processes is to be upgraded and implemented by ISO Certification 9001:2015.</p>	<p>External and internal audit for the setup of processes has played a vital role in maintaining the quality culture. The result was evident across all sections by issuance of the ISO certificate.</p>
<p>Regular academic internal audit of all departments and administrative audit of all sections conducted by IQAC by training the members in the format of ISO.</p>	<p>IQAC conducted regular audit and uniformity in the nature of work across all sections was evident.</p>
<p>Feedback was collected from all stakeholders with the involvement of departments and Training and Placement office. Their views and suggestions were discussed in IQAC meetings.</p>	<p>Semester wise and annual feedback are collected from students as course exit survey, on teaching learning process, faculty and subject wise, mentor, on facility, on basis of participation in various events. Also from other stakeholders feedbacks are taken and feed forward of their suggestions are implemented in the upcoming semester or next academic year.</p>
<p>The Membership of professional bodies like CSI & IETE applied by Computer and Electronics Telecommunication department respectively.</p>	<p>The membership was received by the respective departments and various technical events were conducted under its banner for the skill enhancement of the students.</p>
<p>Faculties were enrolled for Universal Human Values FDP sponsored by AICTE.</p>	<p>As a continuation of the institute's Human value cell, faculties get themselves enrolled and trained on regular basis through AICTE. Sessions were conducted during the Induction Program and regular sessions were also conducted to inculcate the value system in our students.</p>

<p>Minimum one training per staff for their administrative or academic advancement was suggested and it was incorporated in the appraisal form and also financial assistance was provided.</p>	<p>All staff had undergone training as per their areas of interest.</p>
<p>To strengthen the quality of research publication</p>	<p>Experienced PhD faculty members were assigned the roles as faculty mentors for research in each department. They were supposed to categorise faculties into domains and aim for publication in indexed journals. The publications were observed to be either in UGC or indexed journals only.</p>
<p>Motivation of faculty members for publication in indexed journal</p>	<p>Policy for Incentives of publication in indexed and UGC journals were incorporated in the HR handbook and disbursement based on the same were given.</p>
<p>KC-Rotaract planned and executed the event named Next Think Tank (NTT) which was done with a social cause.</p>	<p>The NTT event was successfully carried out in the online mode too with more than 200 participants. And KC Rotaract conducted an approximate no of 150 events in the academic year in the online mode</p>
<p>Implementation of outcome based education.</p>	<p>Outcome based education implementation was evident through the mapping of every academic, co-curricular or extra-curricular activity to the program or course outcome, identification of the cognitive levels and formulation of the course outcomes and various assessment techniques mapped to identify the level of students and also by identifying the gaps and planning various events with an objective to fill up the</p>

	<p>gaps. For more appropriate evaluation of the course outcomes, it was decided and implemented that in internal assessment I, questions will be asked on 3 COs and in internal assessment II it will be based on other 3 remaining COs as per the weightage.</p>
<p>NBA of Computer Engineering and Electronics & Telecommunication Engineering.</p>	<p>The department of Computer Engineering and Electronics & Telecommunication Engineering, applied for the NBA accreditation.</p>
<p>The Institute undertook collaboration with the Coursera and EDX Certification body as for strengthening the skill of students and faculties.</p>	<p>All staff members and students applied and completed certification courses as per their areas of interest.</p>
<p>Introduction of more value added and Add-on Courses in addition to the curriculum prescribed by the university.</p>	<p>Various courses were conducted by the departments and training and placement cell of our institute. The courses are shortlisted on inputs from the training and placement cell, alumni, industry representatives and gap from the curriculum. The courses were delivered by external experts and also internal faculties who were trained under various MOUs and collaborations.</p>
<p>e-yantra lab</p>	<p>Students participate in the various competitions and trainings organized. Also the infrastructure of the lab is utilized by students for their minor and major research projects.</p>
<p>Strengthening of Mentoring program for development of students and also nourish the relationship of mentor-mentee.</p>	<p>The format of the existing mentor form was updated and made robust with the inclusion of points such as hobbies, goals of</p>

	<p>the students in 4 year span, in which all committees the students are invloved and much more. The form is divided into various sections which is to be filled at the start of the semester.</p>
<p>Organization of competitions for students to give them platform for hands on experience.</p>	<p>Project competition XHIBIT and Hackathon were organised by departments with participation from students even in online mode due to pandemic.</p>
<p>Improvement in workplace culture and reduction of stress</p>	<p>WHEPP was initiated to reduce to the stress level of the employees through various session of gaming, music, yoga and others. Even in the online mode all these events were successfully conducted in online mode.</p>
<p>Workshops, guest lectures and events conducted in online mode in coordination with IQAC.</p>	<p>A good number of events for value addition in curricular, co-curricular and extra curricular areas we did in the online mode. Approximately around 60 events related to co-curricular and curricular were carried out and around 180 events were conducted in the extracurricular zone in the pandemic period.</p>
<p>Recruitment of PhD faculties</p>	<p>In every department on an average of 3 faculties either have been recruited or have completed their PhDs.</p>
<p>Improvement in placement record</p>	<p>Through the help of various trainings and recruitment drives, the placement was about 70%.</p>
<p>13. Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
CDC	18/08/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
Yes	13/08/2021

Extended Profile

1. Programme

1.1	342
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1095
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	00
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	295
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	64
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	55
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	19
Total number of Classrooms and Seminar halls	

4.2	555.12
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	495
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The academic year begins as per the guidelines given by University of Mumbai in ONLINE mode due to Pandemic situation. The academic calendar is prepared which includes academic and assessment schedule. Head of Departments monitored teaching learning & evaluation schedules of the institution.

Orientation programs are conducted for newly admitted first year and lateral entry second year students. Head of Departments conduct regular meeting with the faculty before commencement and during the semester to review teaching learning, academic progress of students, students' grievances and suitable remedial actions.

The semester wise timetables are prepared as per the availability of courses. Students are made aware of timetable, academic calendar & roll list by posting the details in their groups in Online mode. All the information about Continuous Assessment Report & Rubrics is provided to the students at the beginning of the semester by individual subject faculty. To enhance e-learning amongst students, institute uses learning management system.

The time schedule of evaluation process is announced well in advance.

To support overall development and growth of students, mentoring system is implemented.

Regular feedbacks are taken from students and are analyzed and suitable actions are taken.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

1. The academic actions of the institute are based on the academic calendar of University of Mumbai and is inline with University academic calendar in Online mode.
2. Academic calendar includes curricular, co-curricular and extra-curricular activities. Schedule of Test (I and II), internal practical oral exam, assignment, final term work submission schedule etc. are included. In addition to all these academic activities, cultural, co-curricular activities are also included in the academic calendar.
3. Institute adheres to conduct various internal examinations like Internal Assessment 1 and 2 , External examination like oral-practical in Online mode as per the academic calendar.
4. Assignment: As prescribed by University of Mumbai every subject

has two minimum assignments, and asked students upload it in Google classroom which are evaluated and included as a part of term work.

5. **Internal Assessment:** According to the University Online exam conduction rules were followed for two internal assessment exams conducted in each semester covering at least 40% syllabus for IA-I and 80% of the Syllabus for IA-II respectively.
6. **Practical /Oral Exam:** practical oral exams are conducted as per academic calendar (slots for the oral / practical exam are provided in the University of Mumbai academic calendar) after the term end in Online mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

A. All of the above

Academic council/BoS of Affiliating University
 Setting of question papers for UG/PG programs
 Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
 Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

3

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

25

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2605

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum has many courses and events are integrated are as follows:

- Environmental Studies

To inculcate the objectives of Environmental studies through activities:

First Year students revamped the garden area by using the trunk to plant new plants & sow seeds.

To mark "Swacch Bharat Abhiyaan" camping on 2nd October they cleaned the garden area & painted "Save Trees" "Plant Trees".

- Environment Management (Final Year: Semester VIII)

Identify environmental issues relevant to India and global concerns. Global Environmental concerns like Global Warming, Acid Rain, Ozone Depletion, Hazardous Wastes, Endangered life-species, Loss of Biodiversity, Industrial/Manmade disasters, Atomic/Biomedical hazards etc.

- Business & Professional Ethics (Third Year Engineering Semester-V)

Ethical necessities in the modern business environment are getting more prominent. Good ethical practice and professional behavior are expected in all forms of business activities. honest, impartial, fair, and must do everything with equity. must perform under a standard of behavior that requires adherence to the highest principles of.

For Women empowerment, institute has constituted various committees such as Women Development Committee and Internal Complaint Committee. These committees are formed to promote gender equity and also deal with related issues of safety and security of girl students and ladies staff. Counseling of girl students is also done.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field

work/internship during the year

8

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

259

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.kccemsr.edu.in/public/igac/1.4.1%20proof%20sample.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.kccemsr.edu.in/public/igac/1.4.1%20proof%20sample.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

253

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

48

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

It has a mechanism in place for continuously monitoring the progress of the students through lecture and practical attendance, regular examinations, participation in different institutional activities.

Based on the performance of 12th and Entrance Examination, First year level is calculated and for identification of learning level at higher semester the subject performance is considered.

Faculty takes following steps to improve the performance of slow learner:

- Repetition and revision.
- Remedial classes in small groups.
- Extra practice sessions of practical.
- Participation in activities like Group discussion, Debate, etc.
- Tutoring
- Individual attention to academically needy.
- Self study materials.
- Complex topics were explained with video lectures.
- During tutorials group of students are given a problem to solve and present on the board to encourage active learning.

For advanced learners:-

- Advised and guided to refer online resources and undertake advanced online courses available on MOOC.
- Participate in national level project competition such as GMRT, Hackathon, Avishkaar, e-Yantra etc.
- Peer groups of different levels of students to inculcate competitive spirit amongst them with complex contents from syllabus.
- Expert lectures were arranged by guiding them about higher education and overseas education.
- During tutorials group of students are given a problem of higher cognitive level to solve.

File Description	Documents
Paste link for additional information	https://docs.google.com/document/d/1WDGbpslh1-KxfSxmSPPQJn-gVms34HG/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1095	64

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

Student centric methods like field trips, case-studies, project-based-learning and group learning methods are adopted. In teaching learning process basic cognitive levels are achieved by activities like Video lectures, demonstrations, Industrial visit, quiz and Group discussion and higher cognitive levels by Mini Project, Internship Training.

1. Experiential learning:

Final Year projects, Mini projects are given to the students where students apply the knowledge and skills learned from the courses studied to solve practical problem. Society and institute related problems are identified and few of them are converted to final year projects.

Entrepreneurship cell helps to inculcate new ideas into the Young minds and build them up into a successful Entrepreneur.

Workshops are conducted by experts from academia and industry to improvise the knowledge as well as students get hands on experience.

2. Participative learning: Students participate in inter and Intra-collegiate technical activities like paper presentation, RoBo race,

Coding Competition, state and national competitions like Avishkar, GMRT, Zee24, e-Yantra Hackathon etc. and also in National/International conferences.

3. Problem solving methodologies: Technical festival of the college (DETROIX) enhances critical thinking through technical quiz, circuit mounting etc. Students participate in Smart India Hackathon a nationwide initiative. The professional society events play a vital role in this even in online mode.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://docs.google.com/document/d/1Fd1JH_JrDpOPX_QvW92GU5sH8S6DkZaj/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In teaching learning process different cognitive levels are achieved by using different ICT enabled tools.

To enhance teaching learning process, faculties use various ICT enabled tools. Even during the pandemic also to keep the teaching learning process up to the mark, these ICT enabled tools like Google Classroom, Video Conferencing Tools, Google Docs, Presentation Application were used.

Google classroom was used to communicate with the students. All the assignments, study materials were uploaded in google classroom. Even all their assignments and experiments were graded in google classroom.

Video conferencing tools like Google meet, Zoom were used to conduct the lectures, practical & exams in online mode. Even a considerable number of guest lectures were conducted in Google meet or zoom platform. International and National guests were called for addressing the students with some contents beyond the syllabus. Quiz competitions, Project competitions were also conducted.

Google forms were used to conduct the exam. Quiz were created for the multiple-choice questions and for short / broad answer type questions file uploading options were given.

Power Point Presentation were used by the teachers for teaching the students. Moreover, the Whiteboard / Jam-board feature of Google meet were also used for teaching.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

64

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

64

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

729.23

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Due to the COVID-19 all the internal assessments were carried out in online mode. According to the guidelines of University of Mumbai two internal assessments as IA- & IA-2 were conducted each of 20 Marks. The first IA is conducted on at least 40% of syllabus covered and the second IA on at least 80% of syllabus covered. The Internal Assessment timetable is shared with the students. The 20 marks IA is divided in to two parts, first part is objective paper of 10 questions with 1 mark each question. The second part is subjective paper of 10 Marks. The question paper is prepared in Google form which can be accessed only through the college domainID. The objective part is MCQ. For the subjective paper students has to write the answers on blank paper. This answer sheet is to be scanned and uploaded in the pdf format in the Google form. This assessment has to completed by examiner within 10 days after exam & submit the marks to the exam cell. After the class test the marking scheme and solution of the class test is either made available to the students

or discussed with the students in the class.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/19KXegigeCXor_uVLsfWfxzaTAVxOABHj/view?usp=sharing

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

In A.Y. 2020 - 21 during COVID-19 pandemic situation, all exams conducted in online mode as per guidelines from University of Mumbai & no grievances received from students. The grievances applicable in case of revaluation purpose only. The revaluation process were available in online mode for the students but no students applied for revaluation in this A.Y. 2020-21. Further for any revaluation case, after declaration of results students can apply for revaluation & exam cell carry the revaluation procedure by appointment of revaluator as external examiner to do the revaluation in online mode.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The program outcomes and the course outcomes are displayed on the college website. The URL link is given below:

<https://kccemsr.edu.in/public/naac/course-outcome-2020-21.pdf>

Also both the program outcomes and course outcomes are well communicated to teachers and students through:

1. Display boards in the campus.
2. Practical manual or journals.

3. During the events also, the feedback process is based on the program outcomes.

4. Course outcomes are also communicated by the individual subject teacher during the commencement of the curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

- The course outcomes are specified by the University in the syllabus, subject teacher can modify course outcome.
- Target for attainment of course (Learning) outcomes is set according to previous examination result. Course outcomes are mapped with program outcomes. CO - PO -PSO mapping & assessment tools are mentioned.
- The attainment of course outcome is calculated by direct and indirect tools.
- Direct assessment tools such as internal tests, send semester, practicals, assignments.
- Rubrics are used to assess the performance.
- Course exit survey is taken and mapped with course outcomes.
- Program exit survey is taken from current year passed out students.
- Final attainment of CO is calculated with 80% direct weightage and 20% indirect weightage through different assessment tools.
- Attainment of course (Learning) outcome at each course contributes to achievement of program outcomes.
- For bridging the gaps identified in the curriculum, various technical activities in collaboration with Industry-academia experts, Alumni etc are planned and conducted.
- Attainment levels helps students and teachers for reviewing the knowledge acquired by learning the course as well as help the teacher to improve course delivery.



File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://docs.google.com/document/d/1s3zLm2m2NSdf-eWYnThPLW9Lkc-tLk2u/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

295

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://kccemsr.edu.in/public/naac/sss-2020-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute encourages faculties to attend Faculty Development Programmes/Seminars/Workshops/Short Term Training Programs/International/National Conferences in their research domain and to publish their research work in peer reviewed Journals. The institute is inspiring the students and faculties to utilize the laboratories, digital library resources, magazines, and journals to pursue their research work. EXTC Department, R&D, IIC jointly organized 'Design of Microwave Amplifiers & Quality in Electronics Manufacturing on 18.7.2020. Computer Engineering organized three day FDP on 'Interactive, Impactful E-learning Techniques' from 18.7.2020 to 20.7.2020. SDP on Computer Hardware & Networking, Advance Tools & Advance Excel conducted from 27.7.2020 to 28.7.2020.

TPO organized event called Rubicon Soft skills Training Program from 18.8.2020 to 20.8.2020. Orientation Program on Use of Virtual labs. Computer Engineering organized Expert talk An Introduction to Blockchain on 19.9.2020. Skill based Workshop on

Basics of Web Development on 8.10.2020, 13.10.2020, 16.10.2020.

Workshop on Full stack Web and Mobile Development on 8.10.2020, 13.10.2020, 15.10.2020, 16.10.2020. Guest lecture on Patents and Copyrights was arranged 17.10.2020 by R&D. Workshop on Design of Mini Projects using Simulator 23.10.2020. Guest Lecture on "Intellectual Property Rights and Patenting" 28.10.2020.

Guest lecture on Fiber Optic Sensors Technology & Applications 30.10.2022, Hands-On session on "Eagle Software for PCB simulation" on 6.11.2020 and "Webinar Optiwave Software for Optical Communication System Design and Simulation" 30.11.2020.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

6

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

14

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

47

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

26

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Events like World Cancer Day, "Saaf Suph"Vighnaharta-Donation Drive see large participation of the students who take up activities in collaboration with other agencies/NGOs to spread awareness. "Clay '0

Bappa" which encourages clay Ganesha idols during Ganesh Chaturthi festival has been taken up as a part of environment consciousness and encouraging the community to initiate steps in this regard.

Blood donation camps in the college area regular feature (twice a year) whereby students and

staff donate blood for the cause.

The college also has Youth Red Cross (YRC) society, which conducted events like Voting Awareness Week, Poster Making Competition on the occasion of World Tourism Day & National Voter's Day etc.

Participation in NSS activities like Fire Drill ,Cyber Crime Awareness Webinar, Organ Donation Awareness Project, Teaching Psychosocial Skills to Helpers (during Pandemic), Healthy Parenting Habit Webinar (on 51st NSS Foundation Day), Observance of Anti Terrorism Day which connects students with the larger social issues in the community and makes them socially responsible sensitive and thus facilitates in the holistic development.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UQPTw0WcBVKz51iYwfHht8hElqyZLNI2/view?usp=sharing
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

168

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

8202

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

259

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

6

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute follows the norms laid down by AICTE. Two seminar halls are equipped with Smart classroom and All the classrooms are ICT enabled. The institute lab is campus license for Windows-Edu. The labs are Data Base Lab, Operating System Lab, E-Yantra, Internet Lab and computer center. Equipment like Microwave and Advanced microwave(MIC) trainer, Wireless sensor networks kit, IC Tester and programmer, FPGAS and CPLDS, Satellite Trainer, Arduino, Raspberry Pi, Node MCU,ESP 8266,PLC,Robotics trainer(Programmable logic controller),DSP Trainer. Workshop has Lathe machine. The institute has enriched library resource with reprographic facility. Campus is Wi-Fi enabled with uninterrupted power supply.

Institute has language lab with ETNL software. Institute has Live

Streaming facility using big blue button. The institute has five academic floors and faculty rooms.

The college has seminar halls with an adequate seating capacity. A canteen functions within the college premises. For fire safety, fire extinguisher facility is installed in the campus. Solar panels are installed in the campus. Security surveillance system is installed, purified water facility is provided, has a medical room. Also ramp facility and lift available for persons with disabilities. To encourage students a separate E-cell laboratory with advanced equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kccemsr.edu.in/infrastructures

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Students have access to adequate sports facilities. Following are the details of sports ground.

Facility

Area

Year of Establishment

User Rate

Sports Ground

2207 sq.m

2001

100%

Student Council of the institution yearly organizes Sports day named Xavion. It includes the various competitions including indoor and outdoor game. Indoor games include Table Tennis, Badminton, Chess,

Carom, etc. Outdoor games include activities of Kho-Kho, football, badminton, cricket, volley ball, throw ball, kabaddi, tug of war etc. There are various fitness options on the campus as well. For fitness of the students the institution provides gymnasium facility with the instrument plate of 2.5 kg, plate of 25 Kg, long bar, zigzag bar, short bar, hand bar, gym bench, all body workout machine of : chest, back leg, two treadmill, cycles.

To de-stress, relax, feel healthier and more energetic the institution frequently organized yoga sessions for students and staff. The institute also celebrates International Yoga Day.

As academic year 2020-2021 was in online mode due to pandemic condition. Students were participated in different online activities like blogs writing, sports excellence path, Drama-o-Drama, Mai bhi ek lekhak hu, Bollywood Trivia, Sportslanza etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://docs.google.com/document/d/1fEColn-ewUjhmCGVvKGdIBqZT4Zyz5-M/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

19

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1Gwn3couG7k7wUEov8q1PWolVqnlwkcIC/view?usp=sharing
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

2.18

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library Management System is divided into different modules such as acquisition modules, circulation modules, OPAC Modules, Book Binding Modules, stock verification modules, reports, etc. Following are the few modules description.

Acquisition: Acquisition in Library Software administrates accessioning of new document. It contains Accession register, name wise book list , department wise, subject wise, classification wise and vendor wise.

Circulation: Circulation Module takes care of the activities comprising of issue and return of books.

OPAC: OPAC stands for Online Public Access Catalogue. In OPAC, user can search by title wise, author wise, subject wise, publisher wise, department wise. It serves as a catalogue to locate books & other material in the library.

Reports: Reports can be generated from the use of the software like Accession Register, daily book issue and return register, summary of purchase of books, title wise booklist and count analysis report for maximum Books Read By Student, subject wise, Department wise, Summary of Books, Books issued to Staff, Student, Late return books, Stock Verification, No dues list, Books write off, discarded, lost, etc. register wise, book title wise details, daily fine collection

register.

Year

Name of ILMS

Fully or Partially

Version

2020-21

Biyani Technologies

Fully

VB 3 (Visual Basic)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://drive.google.com/file/d/13XFtvEQjLyKSOxzk1FvxPMXw7EYCsdHO/view?usp=sharing

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

2.18121

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

24

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

1. The Institution has well-structured IT Infrastructure with LAN Facility Every Floor 9 U Rack is installed with D Link Switches & TP Link Switches and same is provided in each Laboratory also. Each Laboratory is provided with printing facility. Software for perpetual License is updated on regular basic by company and paper license software is updated as and when vendor approaches with the new edition.
2. To provide Wi-Fi facility in all classrooms and Laboratories D Link & TP Link Switches are installed.
3. Laboratories are equipped with latest updated PCs.
4. The installed software's are updated as required.

Internet Availability:

2020-21

Internet Bandwidth

100 + 100 +50 Mbps = 250 Mbps

Connectivity

1:1

Service Provider

SS Broadband & Intech Broadband (Macone) & Net Contact Services

Wi-Fi Availability

26 Locations in the Institute Campus.

Security Arrangements

Quick heal Antivirus, Open Source Firewall for Internet.

Network Switch Details :

2020-21

Type

Quantity

Remarks

Distribution Switch

6

Belongs to Datacenter

Edge Switch

40

Belongs to Departments

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

4.3.2 - Number of Computers

495

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

48.79

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

To achieve excellence in providing quality education, all the Departments and various functioning units of the institute are provided with infrastructure facilities. To develop the skills, attitudes, understand the values the institute has Human Value Education Cell.

To maintain cleanliness and hygiene a full time outsourced housekeeping team is available. Generators, power supply units and power backups (UPS) are kept in an isolated area.

Institution frequently updates IT facilities. An exclusive system administrator is functioning in the college. If the IT related equipment is not working properly then concerned person should send the query/complaint by Email to ithelpdesk@kccemsr.edu.in.

All the departments take care of regular maintenance of the laboratory equipment. Measure maintenance work is completed during non academic period, however regular maintenance work is carried out day to day basis. Lab equipment are serviced by the concerned manufacturers and service Personnel or lab assistants of respective departments. Wherever necessary, Annual Maintenance Contract (AMC) is also in practice.

Library is automated using Integrated Library Management System. For proper maintenance of library internal audit team is appointed for book stock verification in every five years. Due to pandemic situation the institute provide Cybernetix facility for teaching learning.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kccemsr.edu.in/public/naac/sop.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

421

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

30

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://kccemsr.edu.in/life-at-kc
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

2299

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

2299

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

129

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

17

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

13

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

18

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

- Institution facilitates students' representation and engagement in various administrative,co-curricular and extracurricular activities. Technical events, Cultural Events

and various days like "Founders Day", "Teacher day" and "Fresher Day" are organized by Students.

- Association namely Rotract club, Youth Red Cross, Quality Assurance Committee, NSS helps to nurture student in the direction of social, Technical and Extra Curricular activities.
1. Youth Red Cross Society
 2. College Development Committee
 3. Internal Quality Assurance cell: Student member are actively involved in giving their ,ideas about the improvisation of content beyond syllabus overall feedback for maintaining the quality.
 4. National Service Scheme
 5. Rotract club : Students of Rotract club work in the direction of creating a better world which will support neighbor, to share their ideas to join leader and take action to create lasting change
- Representation of students on academic & administrative bodies/committees of the institution
1. Training and Placement
 2. Anti Ragging Committee
 3. Student Professional society: Under the student chapters of ISTE and IEEE various technical activities are conducted by students under the guidance of faculty.
 4. Magazine Committee: Group of students are contributing in preparing college magazines .
 5. E Cell: Entrepreneur is need of hour .Team of our student are actively involved in various Project of E cell Activity.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution

participated during the year

10

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Institute is connected to alumni, via Facebook, Whatsapp, LinkedIn. They also mentor their juniors.

Alumni are placed at higher positions in Industries like IBM, Infosys, TCS, Loreal, Wipro, Zycus, Eclinical, Sutherland, Reliance JIO, Cap Gemini. Few alumni are entrepreneurs and running their companies like YUPS Tech Solutions Private Limited, Four brothers Private Limited, Codebeta, welo Company, Appdid Infotech. etc and few are contributing in Armed force, Metro Railways, NSDL etc. Many have opted for higher studies in India & Abroad. Our Alumni are remarkably contributing in social work. Alumni are contributing for the welfare of underprivileged children like 'Aadhar youth foundation ', 'Divyang Kala Kendra'.

Institute has Alumni Association, they contribute through Financial and Non Financial means. Our alumni addressed about future scope in engineering, delivered guest lectures to motivate students, seminars & workshops on Cyber security, project development, DBMS, coding competition etc. Alumni have conducted FDP on advanced technology like IOT, Advance python for faculties.

Our alumni are actively involved in teaching learning process and skill development of students by advising and delivering bridge courses and other activities to fill the gap between industry and academics.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1neLVa_gWrF4_9qOefwTWe5jJ0o3TNH4gu/view?usp=sharing
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Management and the Principal ensure that the policy statements and action plans are formulated, after careful consideration of all the stakeholders. The action plans for operations are prepared under the supervision and guidance of the Principal and Heads of the departments. A well-planned academic calendar before the start of each semester. Faculty members are motivated to attend different workshops, FDP (Faculty Development Programs) to keep themselves updated with the recent trends in technology and publish research papers in good journals like SCI, Scopus etc.

To achieve first mission Principal delegates academic functions like guest lecture, Hands-on , Value added courses, industry interaction, curricular and extracurricular activity to Head of Departments. Faculty members are assigned various committees in the institution and department for decision making and smooth functioning. The institute believes in grooming faculties also so giving them opportunities to attend different trainings. The leadership qualities and professional environment glimpses are provided by institute through different training programs and internship offers by training and placement department. To achieve social and ethical development of each student YRC, Rotract and NSS were active in Institute. In A.Y 20202-21 DLLE has introduced for

students' overall development.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1T4yibxJda1UGK5FTHj2WkKFC4RYtbiI1/view?usp=sharing
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

All the departments of the institute function under the direct supervision of Principal. Day-to-day academic activities of the departments are taken care of by the Head of Departments. Examination related activities are handled by Controller of examinations. Principal supervises Administrative office, examination section, central library and all the Under Graduate and Post Graduate departments will be functioning.

Decentralization Process

Decentralization Process link - <https://drive.google.com/file/d/1JyQ1MmEvr5JflbZbXYDNA-B2GAYnge-i/view?usp=sharing>

The following committees are in accordance to decentralize the academic and administrative activities.

Anti-Ragging Committee
Grievance and Redressal Committee
Internal Complaints Committee
IQAC
Examination Committee
R&D Committee
Entrepreneurship, Incubation and Innovation Committee
Training and Placement Committee
Library Committee
Roctract, DLLE, YRC etc.

Decentralization at Department level

Each department is managed by the Head of the Department for the day-to-day administration. Departments have internal working committees.

Decentralization and Participative Management in the Institution

A Case Study: Before the start of semester load is given. All faculties are asked to review and finalize Course outcome with PAC. PAC briefs the process to improve Teaching Learning process, methodologies, activities to support academically weak students and

encourage academically bright students. Based on the latest trends Guest lecturer or Workshops are conducted based on PAC suggestions.

File Description	Documents
Paste link for additional information	https://docs.google.com/document/d/1Jt2_AiqC_WszaxTKnYOHazcnuA2bWi5n2/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has perspective plan for development. Different key area are considered Academic expansion to introduce new programmes, to get permanent affiliation, NAAC Accreditation, NBA Accreditation, MOUs with different industries, infrastructure development construction etc. Few of them are given below

Year

Perspective plan/Strategic Plan

Deployment

2020-21

- NBA for two department

-EdX/Coursera Certification for Students and Faculties

EdX Certification through KCCEMSR domain

Short term perspective planning

- Faculty Training
- Faculty Mentor Mentee for research papers in Scopus, SCI etc.
- Consultancy Services

Long term perspective planning

- Industry Connected Lab
- 20% Ph.D faculty
- NBA Accreditation
- Inclusion of intake
- Autonomous status for institute

Case Study

NBA Accreditation

Institute and department level NBA coordinators suggested policies like innovative activities, activities for academically bright and weak students in teaching learning processes. In pandemic situation more usage of modern tool to conduct teaching learning process more smoothly. Even course certification like Coursera and Edx promoted by institute.

ISO 9001:2015

Further with the introduction of "C" scheme system in 2019-20 mini project in each semester from second year and more interdisciplinary electives are introduced. The institute conducted hands on workshops for students and faculty development programs. The institute got audited and certified for ISO 9001:2015 standard.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1rxz8AVebUkGckPsY9pNxn0MmyLfzfHNV/view?usp=sharing
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Governing Council

Its purpose is to decide the overall strategic direction and educational quality. It includes determining and approving the institution strategic plan.

College Development Committee

As per Maharashtra Public Universities Act, 2016 clause 97 it is established and functions.

Internal Quality Assurance Cell

To enhance the quality improvements in the academic process and as a pre-accreditation exercise.

Research and Development

In order to strengthen and expand the research activities in the institute, R&D was established.

Anti-Ragging Committee: Ragging Complaints will be handled as per Government Guidelines.

ICCAs per section 4 of Sexual Harassment of Women at Workplace Act, 2013 and Mumbai University Circular NO.UWDC/ECD/2016-17 dated 03/03/2017.

- Recruitment Policies

Regular appointment of the faculty member on regular basis is made through university selection committee. For Adhoc appointment of the faculty, the appointment for the period of Semester or Academic year is made through the internal selection Committee.

- Research paper and Training programs related policies
 - All Staff members are encouraged to take up various All India Council for Technical Education (AICTE) approved short-term training programs or attend reputed National or International conferences/seminars/workshop. Research papers published in reputed journals like SCOPUS, SCI have incentive policy.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1T7uL0pR1DDE4vc9p-tzCxKfZ8UdEh7LF/view?usp=sharing
Link to Organogram of the institution webpage	https://kccemsr.edu.in/igac/organogram
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

1. Teaching

- Appreciation on teacher's day
- Health checkups camps are organized in the campus
- Permission to attend seminars, workshops and conferences at State, National and International levels and provision is made for the reimbursement of the registration fee and travelling allowances
- OD (on Official Duty) to attend development programs
- Flexible timing and/ or partial load for Higher Education

2. Non teaching

- Health checkups camps are organized in the campus
- External Library facilities are made available
- Administrative training

3.Students

- External Library facilities are made available
- Book bank facility
- Partial payment of fees
- Institute level scholarship
- Travel assistance to students for competition

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1hDo6haAWC_yqLZf4t-bCW_MvvuerT6Il/view?usp=sharing
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

29

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

19

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

45

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Faculty Performance Index(FPI) is divided into.

1. Academic Performance Index(API)
2. Research Contribution Index(RCI)
3. Institutional Development Index(IDI)

Academic Performance Index (API) academic lectures, result of current year and previous two years. Course file, additional topic, self-learning, mentor, student centric method, participation in training programme and student's feedback.

Research Contribution index (RCI) Journal publication, book published, research undertaken, conference attended/ workshop organized, professional activities, and research progress.

Institutional Development Index (IDI) Assessment of all departmental duties and other responsibility like exam cell duties, by HOD's and Principal. It also covers taking responsibilities in clubs, Professional societies, event managers of club programme, admission process and student union activities.

Non Teaching Performance Appraisal take into consideration the Attitude towards co workers, public, Perceptivity and sensitivity is judged on the basis (to the needs of students, faculty and institution) the ability to work effectively with faculty and student, responsibility in dealing with the task assigned. The other monitors are initiative to improve work, voluntary assistance to coworkers, and the positive response when receiving an instruction, guidance and correction by superior.

All the faculty undergoes it to identify and assess ones strength and weakness in work performance. This entire procedure is carried out by Faculty Appraisal Panel chaired by Principal.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1ygM2i81EeLU-YtNFrgugWsEXmEnt0sa5/view?usp=sharing
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Audit is conducted every quarter by an internal Auditor M/s. M. S .Duseja & Associates, Ulhasnagar. Also internal and external audit is conducted in every financial year to ensure financial compliance. Normally statutory financial audit is conducted in the month of June / July. Finalization of accounts is completed in August and audited

statements are prepared in August duly signed by the Principal, Trustee and chartered accountant. Reports of auditing agencies are submitted to the Principal and the Managing committee of the institute.

As per the annual audit reports from the external auditing agency. The financial statements are prepared under historical cost convention on accrual basis Fixed assets are stated at cost of acquisition or construction less depreciation. Cost comprises of the purchase price and other attributable costs including expenses and financial cost during the construction period. Depreciation is provided as per the Written down Value method and as per rates and procedures laid down under the Income Tax Act 1961.

Fees from students are recognized as income. Interest on fixed deposit and savings is recognized as income at the end of year. Investments are stated at cost plus accumulated interest till the date of Balance Sheet.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The main source of funds for institute is the fees received from

students. Policies for reservations and scholarships of Maharashtra Government are applicable to students admitted through centralized admission process. As per these policies, 100% fees of students from SC, ST, SBC, NT categories and 50% fees of students from OBC category is paid by Government in the form of scholarships. 50% fees of Economically Backward Open category students comes from Government. Approximately 10% of the total fees comes from Government without any predefined disbursement schedule.

Institute also provides its IT infrastructure and set up for conducting online examinations like JEE/MH-CET. The infrastructure is provided for such examinations on holidays only and institute gets infrastructure utilization charges. Each department prepares its budget based on the requirements. The budget reviewed by management and approved after necessary changes. As and when required, the institute makes a provision for advance/ additional funds. The Role Holders' committee discuss requirements and decide the priorities while allotting financial resources. The Governing Body studies annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources.

Financial audits are conducted by a chartered accountant every financial year to verify compliance with established processes.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

KCCMSR established IQAC in 2017. IQAC functions as a central point for strategizing quality methods it meant for planning, guiding and monitoring Quality Enhancement activities.

Initiative by IQAC

NBA Accreditation:

We follow the Outcome-Based Education (OBE). Institute is proceeding for NBA accreditation for some department some formats were revisited and upgraded as per the need. Different formats are upgraded by IQAC. List is given below

- Lesson Plan : Knowledge dimension field is added in lesson plan. The revised taxonomy differentiates between "knowing what," the content of thinking, and "knowing how," the procedures used in solving problems. The Knowledge Dimension is the "knowing what."
- Upgraded Mentor form
- Event proposal format
- Rubrics for Assignment and Experiment were updated.
- Mentor feedback introduced in feedback format

ECO club:

The activities for minimum waste generation, source separation of waste and disposing the waste to the nearest storage point, organize tree plantation programs, awareness programs. Institute has the updated MOU signed with Rashmi Joshi, Environmental Consultant from 10 Aug. 2020 to 09 Aug. 2021 for "Environment Projects". Tree plantation, waste management, e-waste recycling like collection of plastics, collection of unused parts of computer systems or other electronic equipment etc. is performed on regular basis by institute.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1RmvUEQAPi529iXhXe0ZSFD8gdTCdkDUV/edit?usp=sharing&oid=101923429457818848775&rtpof=true&sd=true
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The resolutions made by IQAC have a major impact on quality of academic, extra-curricular and co-curricular activities in the institute. The committee has developed some academic initiatives for

improving academic quality of students.

Reviewing these initiatives is one of the important tasks which institute try to achieve through ISO audit, Course file audit, internal audit and academic audit, different type of feedback. Internal auditor from other department will check the process of department. Academic Audit is conducted for each faculty by expert.

Coursera/EdX Certification:

Free certification from Coursera and EdX.

Internship Program from Second year:

Institute offered internship to our students from their Second year.

Feedback:

Feedback of student regarding the teaching learning process, Course Exit Survey by the students for every course, final year students programme exit survey, SSS. Institute has feedback on Workshops/Guest Lecture, all events. etc. Alumni feedbacks are taken. The analysis and action is taken on all the feedbacks.

Course File

Course file is prepared by faculty to document the teaching learning process. IQAC has uniform formats to be followed. Parameters like fast and slow learners, CO-PO attainment, innovation in teaching and learning are included. Activities for all students were planned and well documented in course file.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/122GFUi7oPtvvqudlpcPeRrflJzMzgJtj/view?usp=sharing
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for

B. Any 3 of the above

improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Women Development Cell (WDC) was constituted in our college and the Cell has both the faculty and students of the College as its members and works with an aim to create a gender sensitized community within campus as well as in the society. It has been organizing varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society through College students. On this occasion speeches were delivered by Principal sir and faculty members. Students also gave a detailed introduction of Savitribai Phule, s life and stressed on her contribution for the girl's education in our country.

Women Development and Gender Equity cell had organized Yoga Session on the occasion of "INTERNATIONAL YOGA DAY". On this occasion Yoga Session was carried out by Ms. Neha Luthia, a renowned Yoga Instructor and meditation activity was taken by Ms. Pratibha Kadam. During this session, the Guest-Speaker explained various asanas & meditation in a step by step way.

International Women's Day was celebrated at our college on 8th

March, 2021. The purpose of celebrating Women's Day is - To raise awareness about the status and dignity of women among the students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/1CjZpFET2Tya8l9mv5CbSDAqZrMbZ0AXN/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute has initiated the "Waste Management" concept with the tagline "EXCEL THE GREENER WAY". The institute has signed MOU with Ms. Rashmi Joshi for environment projects. It is with an intention of recycling the waste in the direction of ecological conservation. The club has joined hands with environment consultant -Rashmi Joshi to inculcate environmental consciousness.

- **Solid waste management**

1. ECO CLUB has installed compost pit in association with ECOROX and aims to recycle the organicsolid waste of the institute campus. With this, it is able to recycle canteen waste and dried leaves from the trees into manure.

2. The produced manure is being utilized in the institute garden.
3. All departments using single sided papers for writing and printing purpose.
4. Old newspaper and waste paper are collected yearly.
5. A Webinar is organized by ecoclub on E-waste management 31.05.2021.

- **Liquid waste management**

1. No specific hazardous liquid waste is generated by other laboratories of institute.
 2. Liquid non-hazardous chemical wastes generated from the chemistry laboratory is diluted or neutralized and discarded.
- **E-waste management:** Collection of e-waste, periodically from staff, students and neighboring societies and hands over it to a recognized governmental organization for recycling.
 - **Biomedical waste management:** The college does not produce much of biomedical waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage

B. Any 3 of the above

including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

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

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

K.C. College of Engineering and Management Studies and Research has worked towards creating a holistic environment in the institute where students and faculty are able to find unity in diversity.

As a part of cultural activities, Teacher's Day celebration was organized by NSS and YRC students on 5.9.2020. Engineer's Day was celebrated on 15.9.2020. The department of Electronics and Telecommunication Engineering, Computer Engineering, Information Technology arranged a Guest Lecture on Resilience on 17.9.2020. National Unity Day was celebrated on 5.11.2020 in association with NSS. Dr. Rajendra Prasad Birth Anniversary was celebrated by the Department of Electronics and Telecommunication Engineering on 3.12.2020. The Department of Humanities & Applied Sciences and MMS in association of IQAC arranged a "Workshop on Universal Human Values" on 10.06.2021 and 11.06.2021.

At the end of the all these activities, participant were able to know that Universal human values play an important role in the life of human at various stages including education and career. Every person has to approach life with Positive attitude.

On 12.6.2020 a virtual program on "Positive Attitude" was conducted by Ms. Seema Nitsure active preacher of VivekanandaKendra, Thane. The First Year Engineering students were exposed to the values like, Punctuality,

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Our national anthem's beautiful hoarding stands tall at the main entrance of the College and in this way the College spreads the message of nation first policy. The College celebrates the Independence Day & Republic Day with great pomp and vigor. Our NSS unit organizes and celebrates the Constitution Day on an annual basis and takes pledge to contribute to the spreading of Constitutional values and ideals. In the academic year 2020-21, we celebrated the following days like Engineer,s Day, Independence Day, Teacher's Day i.e. Birth Anniversary of Dr. Sarvapalli Radhakhishnan. The 89th Birth Anniversary of Bharat Ratna Dr. A.P.J. Abdul Kalam was celebrated on 15.10.2020 as National Innovation Day. The 69 th IETE Foundation Day & Dr. C. V. Raman Birthday- Poster and Video making Competition under IETE & IIC was celebrated on 7.11.2020. National Unity Day is observed to commemorate the birth anniversary of Sardar Vallabhbai Patel. It is organized on the occasion by NSS Cell of the college. Dr. Rajendra Prasad's Birth Anniversary was celebrated on 3.12.2020. A Guest Lecture on Resilience was held on 17.9.20.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/document/d/11tKJ0a7P4IwgnpipTmnBV9jLcYeXMd7r/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Any other relevant information	<u>Nil</u>

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

In academic year 2020-21, we celebrated the following days like Engineer's Day, Independence Day, Republic Day, Teacher's Day i.e.

Birth Anniversary of Dr. Sarvapalli Radhakhishnan. 89th Birth Anniversary Bharat Ratna Dr. A.P.J. Abdul Kalam was celebrated on 15.10.2020 as National Innovation Day. 69th IETE Foundation Day & Dr. C. V. Raman Birthday- Poster and Video making Competition under IETE & IIC was celebrated on 7.11.2020. On 30.11.2020 Constitution Day Pledge was taken as a part of NSS Activity. National Unity Day is observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. It is organized on the occasion by NSS Cell of the college. Dr. Rajendra Prasad Birth Anniversary was celebrated on 3.12.2020.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Practice: Mission Green

Objectives

? Inculcate environmental values and consciousness

Context

Challenge lies in changing of the use-and-throw culture

Practice

MOU between institute and Ms. Rashmi Joshi, Environment Consultant

FDP on Emerging Areas of Research in Science and Environment.

On World Environment Day, session by Professor Yogendra Shastri.

"One Student One Tree" - Plantation Activity.

Online quiz

F.E. Induction Program session on Green Initiatives for Environmental Sustainability.

Sapling donation

Kitchen & Terrace Gardening"

E waste management

Evidence of Success

Huge participation

Problems Encountered

Due to geographical reasons rainwater harvesting in the institute premise is obstructed.

Title: E-Cell and Ideation Innovation Automation and Research Lab (IIARL)

Objectives

To impart relevant skills to the students with a motive to make them self-employable.

Context

Every graduating engineer must be confident enough to be self-employed

4. The practice:

The IIARL has now been registered as an LLP.

5. Evidence of Success:

Webinar - A Brisk walk into Python Programming

Webinar -Getting Started with Git and Github

6. Problems Encountered and Resources Required

To cater to some of the obstacles like funding, the E-cell is trying to get funds from various Govt. funding agencies.

Resources required: Funds, Electronic Test & Measurement Equipment and components. 3D Printer, Laser engraver.

File Description	Documents
Best practices in the Institutional website	https://kccemsr.edu.in/public/naac/best-practices-2020-21.pdf
Any other relevant information	<u>Nil</u>

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Project E-Gaon "Retaining the sanctity of the village whilst instilling technology"

INTRODUCTION: Sansad Adarsh Gram Yojana is a rural development program focusing development in villages includes social, cultural development and motivation of the village community.

OBJECTIVES:

1. To trigger processes which lead to holistic development of the identified Gram Panchayats
2. To substantially improve the standard of living and quality of life of all sections of the population through
 - Improved basic amenities
 - Higher productivity
 - Enhanced human development
 - Better livelihood opportunities
 - Reduced disparities
 - Access to rights and entitlements
 - Wider social mobilization
 - Enriched social capital

INITIATIVES

Workshop on Basics of Electrical Wiring at Gurudiksha English School Pimpri, 28th August 2021

Objectives:

- To educate students about Basics of Electrical Wiring
- Knowledge on safety and precautions when working with electrical appliances
- Hands on session on Basic Electrical wiring
- Hands on session on safety devices such as fuse, relays, MCB's etc

A workshop with demo and hands on session was conducted for the students of Gurudiksha School, Pimpri Village about Basics of Electrical Wiring. On safety devices such as fuse, relays, MCB's. Basic components were explained followed by practically wiring components. Smaller subgroups were made and monitored during basic wiring models. Students actively participated and provided good feedback.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The academic year begins as per the guidelines given by University of Mumbai in ONLINE mode due to Pandemic situation. The academic calendar is prepared which includes academic and assessment schedule. Head of Departments monitored teaching learning & evaluation schedules of the institution.

Orientation programs are conducted for newly admitted first year and lateral entry second year students. Head of Departments conduct regular meeting with the faculty before commencement and during the semester to review teaching learning, academic progress of students, students' grievances and suitable remedial actions.

The semester wise timetables are prepared as per the availability of courses. Students are made aware of timetable, academic calendar & roll list by posting the details in their groups in Online mode. All the information about Continuous Assessment Report & Rubrics is provided to the students at the beginning of the semester by individual subject faculty. To enhance e-learning amongst students, institute uses learning management system.

The time schedule of evaluation process is announced well in advance.

To support overall development and growth of students, mentoring system is implemented.

Regular feedbacks are taken from students and are analyzed and suitable actions are taken.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

1. The academic actions of the institute are based on the academic calendar of University of Mumbai and is inline with University academic calendar in Online mode.
2. Academic calendar includes curricular, co-curricular and extra-curricular activities. Schedule of Test (I and II), internal practical oral exam, assignment, final term work submission schedule etc. are included. In addition to all these academic activities, cultural, co-curricular activities are also included in the academic calendar.
3. Institute adheres to conduct various internal examinations like Internal Assessment 1 and 2 , External examination like oral-practical in Online mode as per the academic calendar.
4. Assignment: As prescribed by University of Mumbai every subject has two minimum assignments, and asked students upload it in Google classroom which are evaluated and included as a part of term work.
5. Internal Assessment: According to the University Online exam conduction rules were followed for two internal assessment exams conducted in each semester covering at least 40% syllabus for IA-I and 80% of the Syllabus for IA-II respectively.
6. Practical /Oral Exam: practical oral exams are conducted as per academic calendar (slots for the oral / practical exam are provided in the University of Mumbai academic calendar) after the term end in Online mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

3

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

25

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2605

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum has many courses and events are integrated are as follows:

- Environmental Studies

To inculcate the objectives of Environmental studies through activities:

First Year students revamped the garden area by using the trunk to plant new plants & sow seeds.

To mark "Swacch Bharat Abhiyaan" camping on 2nd October they cleaned the garden area & painted "Save Trees" "Plant Trees".

- Environment Management (Final Year: Semester VIII)

Identify environmental issues relevant to India and global concerns. Global Environmental concerns like Global Warming, Acid Rain, Ozone Depletion, Hazardous Wastes, Endangered life-species, Loss of Biodiversity, Industrial/Manmade disasters, Atomic/Biomedical hazards etc.

- Business & Professional Ethics (Third Year Engineering Semester-V)

Ethical necessities in the modern business environment are getting more prominent. Good ethical practice and professional behavior are expected in all forms of business activities. honest, impartial, fair, and must do everything with equity. must perform under a standard of behavior that requires adherence to the highest principles of.

For Women empowerment, institute has constituted various committees such as Women Development Committee and Internal

Complaint Committee. These committees are formed to promote gender equity and also deal with related issues of safety and security of girl students and ladies staff. Counseling of girl students is also done.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

8

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

259

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.kccemsr.edu.in/public/igac/1.4.1%20proof%20sample.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.kccemsr.edu.in/public/igac/1.4.1%20proof%20sample.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

253	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

48	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

It has a mechanism in place for continuously monitoring the progress of the students through lecture and practical attendance, regular examinations, participation in different institutional activities.

Based on the performance of 12th and Entrance Examination, First year level is calculated and for identification of learning level at higher semester the subject performance is considered.

Faculty takes following steps to improve the performance of slow learner:

- Repetition and revision.
- Remedial classes in small groups.
- Extra practice sessions of practical.
- Participation in activities like Group discussion, Debate, etc.
- Tutoring
- Individual attention to academically needy.
- Self study materials.

- Complex topics were explained with video lectures.
- During tutorials group of students are given a problem to solve and present on the board to encourage active learning.

For advanced learners:-

- Advised and guided to refer online resources and undertake advanced online courses available on MOOC.
- Participate in national level project competition such as GMRT, Hackathon, Avishkaar, e-Yantra etc.
- Peer groups of different levels of students to inculcate competitive spirit amongst them with complex contents from syllabus.
- Expert lectures were arranged by guiding them about higher education and overseas education.
- During tutorials group of students are given a problem of higher cognitive level to solve.

File Description	Documents
Paste link for additional information	https://docs.google.com/document/d/1WDGbps hh1- KxfSxmSPPQJn-gVms34HG/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1095	64

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

Student centric methods like field trips, case-studies, project-based-learning and group learning methods are adopted. In teaching learning process basic cognitive levels are achieved by

activities like Video lectures, demonstrations, Industrial visit, quiz and Group discussion and higher cognitive levels by Mini Project, Internship Training.

1. Experiential learning:

Final Year projects, Mini projects are given to the students where students apply the knowledge and skills learned from the courses studied to solve practical problem. Society and institute related problems are identified and few of them are converted to final year projects.

Entrepreneurship cell helps to inculcate new ideas into the Young minds and build them up into a successful Entrepreneur.

Workshops are conducted by experts from academia and industry to improvise the knowledge as well as students get hands on experience.

2. Participative learning: Students participate in inter and Intra-collegiate technical activities like paper presentation, RoBo race, Coding Competition, state and national competitions like Avishkar, GMRT, Zee24, e-Yantra Hackathon etc. and also in National/International conferences.

3. Problem solving methodologies: Technical festival of the college (DETROIX) enhances critical thinking through technical quiz, circuit mounting etc. Students participate in Smart India Hackathon a nationwide initiative. The professional society events plays a vital role in this even in online mode.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://docs.google.com/document/d/1Fd1JH_JrDpQPX_QvW92GU5sH8S6DkZaj/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In teaching learning process different cognitive levels are achieved by using different ICT enabled tools.

To enhance teaching learning process, faculties use various ICT enabled tools. Even during the pandemic also to keep the teaching learning process up to the mark, these ICT enabled tools like Google Classroom, Video Conferencing Tools, Google Docs, Presentation Application were used.

Google classroom was used to communicate with the students. All the assignments, study materials were uploaded in google classroom. Even all their assignments and experiments were graded in google classroom.

Video conferencing tools like Google meet, Zoom were used to conduct the lectures, practical & exams in online mode. Even a considerable number of guest lectures were conducted in Google meet or zoom platform. International and National guests were called for addressing the students with some contents beyond the syllabus. Quiz competitions, Project competitions were also conducted.

Google forms were used to conduct the exam. Quiz were created for the multiple-choice questions and for short / broad answer type questions file uploading options were given.

Power Point Presentation were used by the teachers for teaching the students. Moreover, the Whiteboard / Jam-board feature of Google meet were also used for teaching.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

64

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

64

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

729.23	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Due to the COVID-19 all the internal assessments were carried out in online mode. According to the guidelines of University of Mumbai two internal assessments as IA- & IA-2 were conducted each of 20 Marks. The first IA is conducted on at least 40% of syllabus covered and the second IA on at least 80% of syllabus covered. The Internal Assessment timetable is shared with the students. The 20 marks IA is divided in to two parts, first part is objective paper of 10 questions with 1 mark each question. The second part is subjective paper of 10 Marks. The question paper is prepared in Google form which can be accessed only through the college domainID. The objective part is MCQ. For the subjective paper students has to write the answers on blank paper. This answer sheet is to be scanned and uploaded in the pdf format in the Google form. This assessment has to completed by examiner within 10 days after exam & submit the marks to the exam cell. After the class test the marking scheme and solution of the class test is either made available to the students or discussed with the students in the class.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/file/d/19KXegigeCXor_uVLsfWfxzaTAVxOABHj/view?usp=sharing

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

In A.Y. 2020 - 21 during COVID-19 pandemic situation, all exams

conducted in online mode as per guidelines from University of Mumbai & no grievances received from students. The grievances applicable in case of revaluation purpose only. The revaluation process were available in online mode for the students but no students applied for revaluation in this A.Y. 2020-21. Further for any revaluation case, after declaration of results students can apply for revaluation & exam cell carry the revaluation procedure by appointment of revaluator as external examiner to do the revaluation in online mode.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The program outcomes and the course outcomes are displayed on the college website. The URL link is given below:

<https://kccemsr.edu.in/public/naac/course-outcome-2020-21.pdf>

Also both the program outcomes and course outcomes are well communicated to teachers and students through:

1. Display boards in the campus.
2. Practical manual or journals.
3. During the events also, the feedback process is based on the program outcomes.
4. Course outcomes are also communicated by the individual subject teacher during the commencement of the curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

- The course outcomes are specified by the University in the syllabus, subject teacher can modify course outcome.
- Target for attainment of course (Learning) outcomes is set according to previous examination result. Course outcomes are mapped with program outcomes. CO - PO - PSO mapping & assessment tools are mentioned.
- The attainment of course outcome is calculated by direct and indirect tools.
- Direct assessment tools such as internal tests, send semester, practicals, assignments.
- Rubrics are used to assess the performance.
- Course exit survey is taken and mapped with course outcomes.
- Program exit survey is taken from current year passed out students.
- Final attainment of CO is calculated with 80% direct weightage and 20% indirect weightage through different assessment tools.
- Attainment of course (Learning) outcome at each course contributes to achievement of program outcomes.
- For bridging the gaps identified in the curriculum, various technical activities in collaboration with Industry-academia experts, Alumni etc are planned and conducted.
- Attainment levels helps students and teachers for reviewing the knowledge acquired by learning the course as well as help the teacher to improve course delivery.



File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://docs.google.com/document/d/1s3zLm2m2NSdf-eWYnThPLW9Lkc-tLk2u/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

295

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://kccemsr.edu.in/public/naac/sss-2020-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute encourages faculties to attend Faculty Development Programmes/Seminars/Workshops/Short Term Training Programs/International/National Conferences in their research domain and to publish their research work in peer reviewed Journals. The institute is inspiring the students and faculties to utilize the laboratories, digital library resources, magazines, and journals to pursue their research work. EXTC Department, R&D, IIC jointly organized 'Design of Microwave Amplifiers & Quality in Electronics Manufacturing' on 18.7.2020. Computer Engineering organized three day FDP on 'Interactive, Impactful E-learning Techniques' from 18.7.2020 to 20.7.2020. SDP on Computer Hardware & Networking, Advance Tools & Advance Excel conducted from 27.7.2020 to 28.7.2020.

TPO organized event called Rubicon Soft skills Training Program from 18.8.2020 to 20.8.2020. Orientation Program on Use of Virtual labs. Computer Engineering organized Expert talk An

Introduction to Blockchain on 19.9.2020.Skill based Workshop on Basics of Web Development on 8.10.2020,13.10.2020,16.10.2020. Workshop on Full stack Web and Mobile Development on 8.10.2020,13.10.2020,15.10.2020,16.10.2020.Guest lecture on Patents and Copyrights was arranged 17.10.2020 by R&D. Workshop on Design of Mini Projects using Simulator 23.10.2020.Guest Lecture on "Intellectual Property Rights and Patenting" 28.10.2020.

Guest lecture on Fiber Optic Sensors Technology & Applications 30.10.2022, Hands-On session on "Eagle Software for PCB simulation" on 6.11.2020 and "Webinar Optiwave Software for Optical Communication System Design and Simulation" 30.11.2020.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

6

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

14

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

47

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

26

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Events like World Cancer Day, "Saaf Suph"Vighnaharta-Donation Drive see large participation of the students who take up

activities in collaboration with other agencies/NGOs to spread awareness. "Clay 'O Bappa" which encourages clay Ganesha idols during Ganesh Chaturthi festival has been taken up as a part of environment consciousness and encouraging the community to initiate steps in this regard.

Blood donation camps in the college area regular feature (twice a year) whereby students and

staff donate blood for the cause.

The college also has Youth Red Cross (YRC) society, which conducted events like Voting Awareness Week, Poster Making Competition on the occasion of World Tourism Day & National Voter's Day etc.

Participation in NSS activities like Fire Drill ,Cyber Crime Awareness Webinar, Organ Donation Awareness Project, Teaching Psychosocial Skills to Helpers (during Pandemic), Healthy Parenting Habit Webinar (on 51st NSS Foundation Day), Observance of Anti Terrorism Day which connects students with the larger social issues in the community and makes them socially responsible sensitive and thus facilitates in the holistic development.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UOPTw0WcBVKZ51iYwfHht8hElqyZLNI2/view?usp=sharing
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

168

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

8202

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration	
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year	
259	
File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File
3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year	
3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year	
6	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File
INFRASTRUCTURE AND LEARNING RESOURCES	
4.1 - Physical Facilities	
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	
The institute follows the norms laid down by AICTE. Two seminar halls are equipped with Smart classroom and All the classrooms are ICT enabled. The institute lab is campus license for Windows-	

Edu. The labs are Data Base Lab, Operating System Lab, E-Yantra, Internet Lab and computer center. Equipment like Microwave and Advanced microwave(MIC) trainer, Wireless sensor networks kit, IC Tester and programmer, FPGAS and CPLDS, Satellite Trainer, Arduino, Raspberry Pi, Node MCU,ESP 8266,PLC,Robotics trainer(Programmable logic controller),DSP Trainer. Workshop has Lathe machine. The institute has enriched library resource with reprographic facility. Campus is Wi-Fi enabled with uninterrupted power supply.

Institute has language lab with ETNL software. Institute has Live Streaming facility using big blue button. The institute has five academic floors and faculty rooms.

The college has seminar halls with an adequate seating capacity. A canteen functions within the college premises. For fire safety, fire extinguisher facility is installed in the campus. Solar panels are installed in the campus. Security surveillance system is installed, purified water facility is provided, has a medical room. Also ramp facility and lift available for persons with disabilities. To encourage students a separate E-cell laboratory with advanced equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kccemsr.edu.in/infrastructures

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Students have access to adequate sports facilities. Following are the details of sports ground.

Facility

Area

Year of Establishment

User Rate

Sports Ground

2207 sq.m

2001

100%

Student Council of the institution yearly organizes Sports day named Xavion. It includes the various competitions including indoor and outdoor game. Indoor games include Table Tennis, Badminton, Chess, Carom, etc. Outdoor games include activities of Kho-Kho, football, badminton, cricket, volley ball, throw ball, kabaddi, tug of war etc. There are various fitness options on the campus as well. For fitness of the students the institution provides gymnasium facility with the instrument plate of 2.5 kg, plate of 25 Kg, long bar, zigzag bar, short bar, hand bar, gym bench, all body workout machine of : chest, back leg, two treadmill, cycles.

To de-stress, relax, feel healthier and more energetic the institution frequently organized yoga sessions for students and staff. The institute also celebrates International Yoga Day.

As academic year 2020-2021 was in online mode due to pandemic condition. Students were participated in different online activities like blogs writing, sports excellence path, Drama-o-Drama, Mai bhi ek lekhak hu, Bollywood Trivia, Sportslanza etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://docs.google.com/document/d/1fEColn-ewUjhmCGVvKGDIBqZT4ZYz5-M/edit?usp=sharing&oid=101923429457818848775&rtpof=true&sd=true

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

19

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1Gwn3couG7k7wUEov8q1PWolVqnlwkcIC/view?usp=sharing
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

2.18

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library Management System is divided into different modules such as acquisition modules, circulation modules, OPAC Modules, Book Binding Modules, stock verification modules, reports, etc. Following are the few modules description.

Acquisition: Acquisition in Library Software administrates accessioning of new document. It contains Accession register, name wise book list , department wise, subject wise, classification wise and vendor wise.

Circulation: Circulation Module takes care of the activities

comprising of issue and return of books.

OPAC: OPAC stands for Online Public Access Catalogue. In OPAC, user can search by title wise, author wise, subject wise, publisher wise, department wise. It serves as a catalogue to locate books & other material in the library.

Reports: Reports can be generated from the use of the software like Accession Register, daily book issue and return register, summary of purchase of books, title wise booklist and count analysis report for maximum Books Read By Student, subject wise, Department wise, Summary of Books, Books issued to Staff, Student, Late return books, Stock Verification, No dues list, Books write off, discarded, lost, etc. register wise, book title wise details, daily fine collection register.

Year

Name of ILMS

Fully or Partially

Version

2020-21

Biyani Technologies

Fully

VB 3 (Visual Basic)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://drive.google.com/file/d/13XFtvEQjLyKSOxzklFvxPMXw7EYCsdHO/view?usp=sharing

4.2.2 - The institution has subscription for the following e-resources e-journals e-

A. Any 4 or more of the above

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

2.18121

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

24

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

1. The Institution has well-structured IT Infrastructure with LAN Facility Every Floor 9 U Rack is installed with D Link Switches & TP Link Switches and same is provided in each Laboratory also. Each Laboratory is provided with printing facility. Software for perpetual License is updated on regular basic by company and paper license software is updated as and when vendor approaches with the new edition.
2. To provide Wi-Fi facility in all classrooms and Laboratories D Link & TP Link Switches are installed.
3. Laboratories are equipped with latest updated PCs.
4. The installed software's are updated as required.

Internet Availability:

2020-21

Internet Bandwidth

100 + 100 +50 Mbps = 250 Mbps

Connectivity

1:1

Service Provider

SS Broadband & Intech Broadband (Macone) & Net Contact Services

Wi-Fi Availability

26 Locations in the Institute Campus.

Security Arrangements

Quick heal Antivirus, Open Source Firewall for Internet.

Network Switch Details :

2020-21

Type

Quantity

Remarks

Distribution Switch

6

Belongs to Datacenter

Edge Switch

40

Belongs to Departments

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

4.3.2 - Number of Computers

495

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

48.79

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

To achieve excellence in providing quality education, all the Departments and various functioning units of the institute are provided with infrastructure facilities. To develop the skills, attitudes, understand the values the institute has Human Value Education Cell.

To maintain cleanliness and hygiene a full time outsourced housekeeping team is available. Generators, power supply units and power backups (UPS) are kept in an isolated area.

Institution frequently updates IT facilities. An exclusive system administrator is functioning in the college. If the IT related equipment is not working properly then concerned person should send the query/complaint by Email to ithelpdesk@kccemsr.edu.in.

All the departments take care of regular maintenance of the

laboratory equipment. Measure maintenance work is completed during non academic period, however regular maintenance work is carried out day to day basis. Lab equipment are serviced by the concerned manufacturers and service Personnel or lab assistants of respective departments. Wherever necessary, Annual Maintenance Contract (AMC) is also in practice.

Library is automated using Integrated Library Management System. For proper maintenance of library internal audit team is appointed for book stock verification in every five years. Due to pandemic situation the institute provide Cybernetix facility for teaching learning.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kccemsr.edu.in/public/naac/sop.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

421

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

30

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://kccemsr.edu.in/life-at-kc
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

2299

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

2299

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

<p>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</p>	<p>A. All of the above</p>
--	----------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

129

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File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

17

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

13

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

one) during the year

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

18

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

- Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities. Technical events, Cultural Events and various days like "Founders Day", "Teacher day" and "Fresher Day" are organized by Students.
 - Association namely Rotract club, Youth Red Cross, Quality Assurance Committee, NSS helps to nurture student in the direction of social, Technical and Extra Curricular activities.
1. Youth Red Cross Society
 2. College Development Committee
 3. Internal Quality Assurance cell: Student member are actively involved in giving their ideas about the improvisation of content beyond syllabus overall feedback for maintaining the quality.
 4. National Service Scheme
 5. Rotract club : Students of Rotract club work in the direction of creating a better world which will support neighbor, to share their ideas to join leader and take action to create lasting change

- Representation of students on academic & administrative bodies/committees of the institution

1. Training and Placement
2. Anti Ragging Committee
3. Student Professional society: Under the student chapters of ISTE and IEEE various technical activities are conducted by students under the guidance of faculty.
4. Magazine Committee: Group of students are contributing in preparing college magazines .
5. E Cell: Entrepreneur is need of hour .Team of our student are actively involved in various Project of E cell Activity.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

10

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development

of the institution through financial and/or other support services

Institute is connected to alumni, via Facebook, Whatsapp, LinkedIn. They also mentor their juniors.

Alumni are placed at higher positions in Industries like IBM, Infosys, TCS, Loreal, Wipro, Zycus, Eclinical, Sutherland, Reliance JIO, Cap Gemini. Few alumni are entrepreneurs and running their companies like YUPS Tech Solutions Private Limited, Four brothers Private Limited, Codebeta, welo Company, Appdid Infotech. etc and few are contributing in Armed force, Metro Railways, NSDL etc. Many have opted for higher studies in India & Abroad. Our Alumni are remarkably contributing in social work. Alumni are contributing for the welfare of underprivileged children like 'Aadhar youth foundation ', 'Divyang Kala Kendra'.

Institute has Alumni Association, they contribute through Financial and Non Financial means. Our alumni addressed about future scope in engineering, delivered guest lectures to motivate students, seminars & workshops on Cyber security, project development, DBMS, coding competition etc. Alumni have conducted FDP on advanced technology like IOT, Advance python for faculties.

Our alumni are actively involved in teaching learning process and skill development of students by advising and delivering bridge courses and other activities to fill the gap between industry and academics.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1neLVa_gWrF49qQefwTWe5jJ0o3TNH4gu/view?usp=sharing
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Management and the Principal ensure that the policy statements and action plans are formulated, after careful consideration of all the stakeholders. The action plans for operations are prepared under the supervision and guidance of the Principal and Heads of the departments. A well-planned academic calendar before the start of each semester. Faculty members are motivated to attend different workshops, FDP (Faculty Development Programs) to keep themselves updated with the recent trends in technology and publish research papers in good journals like SCI, Scopus etc.

To achieve first mission Principal delegates academic functions like guest lecture, Hands-on , Value added courses, industry interaction, curricular and extracurricular activity to Head of Departments. Faculty members are assigned various committees in the institution and department for decision making and smooth functioning. The institute believes in grooming faculties also so giving them opportunities to attend different trainings. The leadership qualities and professional environment glimpses are provided by institute through different training programs and internship offers by training and placement department. To achieve social and ethical development of each student YRC, Rotract and NSS were active in Institute. In A.Y 20202-21 DLLE has introduced for students' overall development.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1T4yibxJda1UGK5FTHj2WkKFC4RYtbjI1/view?usp=sharing
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

All the departments of the institute function under the direct supervision of Principal. Day-to-day academic activities of the departments are taken care of by the Head of Departments. Examination related activities are handled by Controller of

examinations. Principal supervises Administrative office, examinationsection, central library and all the Under Graduate and Post Graduate departments will be functioning.

Decentralization Process

Decentralization Process link - <https://drive.google.com/file/d/1JyQ1MmEvr5JflbZbXYDNa-B2GAYNge-i/view?usp=sharing>

The following committees are in accordance to decentralize the academic and administrative activities.

Anti-Ragging CommitteeGrievance and Redressal CommitteeInternal Complaints CommitteeIQACExamination CommitteeR&D CommitteeEntrepreneurship, Incubation and Innovation CommitteeTraining and Placement CommitteeLibrary CommitteeRotract, DLLE, YRC etc.

Decentralization at Department level

Each department is managed by the Head of the Department for the day-to-day administration. Departments have internal working committees.

Decentralization and Participative Management in the Institution

A Case Study:Before the start of semester load is given. All faculties are asked to review and finalizeCourse outcome with PAC. PAC briefs the process to improve Teaching Learning process, methodologies, activities to support academically weak students and encourage academically bright students.Based on the latest trends Guest lecturer or Workshops are conducted based on PAC suggestions.

File Description	Documents
Paste link for additional information	https://docs.google.com/document/d/1Jt2_AiqCWszaxTKnYOHazcnuA2bWi5n2/edit?usp=sharin g&oid=101923429457818848775&rtpof=true&sd =true
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has perspective plan for development. Different key area are considered Academic expansion to introduce new programmes, to get permanent affiliation, NAAC Accreditation, NBA Accreditation, MOUs with different industries, infrastructure development construction etc. Few of them are given below

Year

Perspective plan/Strategic Plan

Deployment

2020-21

- NBA for two department

-EdX/Coursera Certification for Students and Faculties

EdX Certification through KCCEMSR domain

Short term perspective planning

- Faculty Training
- Faculty Mentor Mentee for research papers in Scopus, SCI etc.
- Consultancy Services

Long term perspective planning

- Industry Connected Lab
- 20% Ph.D faulty
- NBA Accreditation
- Inclusion of intake
- Autonomous status for institute

Case Study

NBA Accreditation

Instituteand department level NBA coordinators suggested policies

like innovative activities, activities for academically bright and weak students in teaching learning processes. In pandemic situation more usage of modern tool to conduct teaching learning process more smoothly. Even course certification like Coursera and Edx promoted by institute.

ISO 9001:2015

Further with the introduction of "C" scheme system in 2019-20 mini project in each semester from second year and more interdisciplinary electives are introduced. The institute conducted hands on workshops for students and faculty development programs. The institute got audited and certified for ISO 9001:2015 standard.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1rxz8AVebUkGckPsY9pNxn0MmyLfzfHNV/view?usp=sharing
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Governing Council

Its purpose is to decide the overall strategic direction and educational quality. It includes determining and approving the institution strategic plan.

College Development Committee

As per Maharashtra Public Universities Act, 2016 clause 97 it is established and functions.

Internal Quality Assurance Cell

To enhance the quality improvements in the academic process and as a pre-accreditation exercise.

Research and Development

In order to strengthen and expand thereseach activities in the institute, R&D was established.

Anti-Ragging Committee: Ragging Complaints will be handled as per Government Guidelines.

ICCAs per section 4 of Sexual Harassment of Women at Workplace Act, 2013 and Mumbai University Circular NO.UWDC/ECD/2016-17 dated 03/03/2017.

- Recruitment Policies

Regular appointment of the faculty member on regular basis is made through university selection committee.For Adhoc appointment of the faculty, the appointment for the period of Semester or Academic year is made through the internal selection Committee.

- Research paper and Training programs related policies
 - All Staff members are encouraged to take up various All India Council for Technical Education (AICTE) approved short-term training programs or attend reputed National or International conferences/seminars/workshop.Research papers publishedin reputed journals like SCOPUS, SCI haveincentive policy.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1T7uL0pR1DDE4vc9p-tzCxKfZ8UdEh7LF/view?usp=sharing
Link to Organogram of the institution webpage	https://kccemsr.edu.in/iqac/organogram
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

1. Teaching

- Appreciation on teacher's day
- Health checkups camps are organized in the campus
- Permission to attend seminars, workshops and conferences at State, National and International levels and provision is made for the reimbursement of the registration fee and travelling allowances
- OD (on Official Duty) to attend development programs
- Flexible timing and/ or partial load for Higher Education

2. Non teaching

- Health checkups camps are organized in the campus
- External Library facilities are made available
- Administrative training

3. Students

- External Library facilities are made available

- Book bank facility
- Partial payment of fees
- Institute level scholarship
- Travel assistance to students for competition

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1hDo6haAWC_yqLZf4t-bCW_MvvuerT6Il/view?usp=sharing
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

29

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

19

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

45

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Faculty Performance Index(FPI) is divided into.

1. Academic Performance Index(API)
2. Research Contribution Index(RCI)

3. Institutional Development Index(IDI)

Academic Performance Index (API)academic lectures, result of current year andprevious two years. Course file, additional topic, self- learning,mentor, student centric method, participation in training programme and student's feedback.

Research Contribution index(RCI) Journal publication, book published, research undertaken, conference attended/ workshop organized, professional activities, and research progress.

Institutional Development Index(IDI)Assessment of all departmental duties and other responsibility like exam cell duties,by HOD's and Principal. It also covers taking responsibilities in clubs, Professional societies, event managers of club programme, admission process and student union activities.

Non Teaching Performance Appraisal take into consideration the Attitude towards co workers, public,Perceptivity and sensitivity is judged on the basis (to the needs of students ,faculty and institution) the ability to work effectively with faculty and student, responsibility in dealing with the task assigned.The other monitors are initiative to improve work, voluntary assistance to coworkers, and the positive response when receiving an instruction, guidance and correction by superior.

All the faculty undergoes it to identify and assess ones strength and weakness in work performance .This entire procedure is carried out by Faculty Appraisal Panel chaired by Principal.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1ygM2i81EeLU-YtNFrgugWsEXmEnt0sa5/view?usp=sharing
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Audit is conducted every quarter by an internal Auditor M/s. M. S .Duseja & Associates ,Ulhasnagar. Also internal and external

audit is conducted in every financial year to ensure financial compliance. Normally statutory financial audit is conducted in the month of June / July. Finalization of accounts is completed in August and audited statements are prepared in August duly signed by the Principal, Trustee and chartered accountant. Reports of auditing agencies are submitted to the Principal and the Managing committee of the institute.

As per the annual audit reports from the external auditing agency. The financial statements are prepared under historical cost convention on accrual basis Fixed assets are stated at cost of acquisition or construction less depreciation. Cost comprises of the purchase price and other attributable costs including expenses and financial cost during the construction period. Depreciation is provided as per the Written down Value method and as per rates and procedures laid down under the Income Tax Act 1961.

Fees from students are recognized as income. Interest on fixed deposit and savings is recognized as income at the end of year. Investments are stated at cost plus accumulated interest till the date of Balance Sheet.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The main source of funds for institute is the fees received from students. Policies for reservations and scholarships of Maharashtra Government are applicable to students admitted through centralized admission process. As per these policies, 100% fees of students from SC, ST, SBC, NT categories and 50% fees of students from OBC category is paid by Government in the form of scholarships. 50% fees of Economically Backward Open category students comes from Government. Approximately 10% of the total fees comes from Government without any predefined disbursement schedule.

Institute also provides its IT infrastructure and set up for conducting online examinations like JEE/MH-CET. The infrastructure is provided for such examinations on holidays only and institute gets infrastructure utilization charges. Each department prepares its budget based on the requirements. The budget reviewed by management and approved after necessary changes. As and when required, the institute makes a provision for advance/ additional funds. The Role Holders' committee discuss requirements and decide the priorities while allotting financial resources. The Governing Body studies annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources.

Financial audits are conducted by a chartered accountant every financial year to verify compliance with established processes.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

KCCMSR established IQAC in 2017. IQAC functions as a central point for strategizing quality methods it meant for planning, guiding and monitoring Quality Enhancement activities.

Initiative by IQAC

NBA Accreditation:

We follow the Outcome-Based Education (OBE). Institute is proceeding for NBA accreditation for some department some formats were revisited and upgraded as per the need. Different formats are upgraded by IQAC. List is given below

- Lesson Plan : Knowledge dimension field is added in lesson plan. The revised taxonomy differentiates between "knowing what," the content of thinking, and "knowing how," the procedures used in solving problems. The Knowledge Dimension is the "knowing what."
- Upgraded Mentor form
- Event proposal format
- Rubrics for Assignment and Experiment were updated.
- Mentor feedback introduced in feedback format

ECO club:

The activities for minimum waste generation, source separation of waste and disposing the waste to the nearest storage point, organize tree plantation programs, awareness programs. Institute has the updated MOU signed with Rashmi Joshi, Environmental Consultant from 10 Aug. 2020 to 09 Aug. 2021 for "Environment Projects". Tree plantation, waste management, e-waste recycling like collection of plastics, collection of unused parts of computer systems or other electronic equipment etc. is performed on regular basis by institute.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1RmvUEQAPi529ixhXe0ZSFD8gdTCdkDUV/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The resolutions made by IQAC have a major impact on quality of academic, extra-curricular and co-curricular activities in the institute. The committee has developed some academic initiatives for improving academic quality of students.

Reviewing these initiatives is one of the important tasks which institute try to achieve through ISO audit, Course file audit, internal audit and academic audit, different type of feedback. Internal auditor from other department will check the process of department. Academic Audit is conducted for each faculty by expert.

Coursera/EdX Certification:

Free certification from Coursera and EdX.

Internship Program from Second year:

Institute offered internship to our students from their Second year.

Feedback:

Feedback of student regarding the teaching learning process, Course Exit Survey by the students for every course, final year students programme exit survey, SSS. Institute has feedback on Workshops/Guest Lecture, all events. etc. Alumni feedbacks are taken. The analysis and action is taken on all the feedbacks.

Course File

Course file is prepared by faculty to document the teaching learning process. IQAC has uniform formats to be followed. Parameters like fast and slow learners, CO-PO attainment, innovation in teaching and learning are included. Activities for all students were planned and well documented in course file.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/122GFUi7oPtvvqudlpcPeRrfLjzMzgJtj/view?usp=sharing
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Women Development Cell (WDC) was constituted in our college

and the Cell has both the faculty and students of the College as its members and works with an aim to create a gender sensitized community within campus as well as in the society. It has been organizing varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society through College students. On this occasion speeches were delivered by Principal sir and faculty members. Students also gave a detailed introduction of Savitribai Phule, s life and stressed on her contribution for the girl's education in our country.

Women Development and Gender Equity cell had organized Yoga Session on the occasion of "INTERNATIONAL YOGA DAY". On this occasion Yoga Session was carried out by Ms. Neha Luthia, a renowned Yoga Instructor and meditation activity was taken by Ms. Pratibha Kadam . During this session, the Guest-Speaker explained various asanas & meditation in a step by step way.

International Women's Day was celebrated at our college on 8th March, 2021. The purpose of celebrating Women's Day is - To raise awareness about the status and dignity of women among the students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/1CjZpFE T2Tya8l9mv5CbSDAqZrMbz0AXN/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute has initiated the "Waste Management" concept with the tagline "EXCEL THE GREENER WAY". The institute has signed MOU with Ms. Rashmi Joshi for environment projects. It is with an intention of recycling the waste in the direction of ecological conservation. The club has joined hands with environment consultant -Rashmi Joshi to inculcate environmental consciousness.

- Solid waste management

1. ECO CLUB has installed compost pit in association with ECOROX and aims to recycle the organicsolid waste of the institute campus. With this, it is able to recycle canteen waste and dried leaves from the trees into manure.
2. The produced manure is being utilized in the institute garden.
3. All departments using single sided papers for writing and printing purpose.
4. Old newspaper and waste paper are collected yearly.
5. A Webinar is organized by ecoclub on E-waste management 31.05.2021.

- Liquid waste management

1. No specific hazardous liquid waste is generated by other laboratories of institute.
2. Liquid non-hazardous chemical wastes generated from the chemistry laboratory is diluted or neutralized and discarded.

- E-waste managemen: Collection of e-waste, periodically from staff, students and neighboring societies and hands over it to a recognized governmental organization for recycling.
- Biomedical waste management: The college does not produce much of biomedical waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	B. Any 3 of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

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

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

K.C. College of Engineering and Management Studies and Research has worked towards creating a holistic environment in the institute where students and faculty are able to find unity in diversity.

As a part of cultural activities, Teacher's Day celebration was organized by NSS and YRC students on 5.9.2020. Engineer's Day was celebrated on 15.9.2020. The department of Electronics and Telecommunication Engineering, Computer Engineering, Information Technology arranged a Guest Lecture on Resilience on 17.9.2020. National Unity Day was celebrated on 5.11.2020 in association with NSS. Dr. Rajendra Prasad Birth Anniversary was celebrated by the Department of Electronics and Telecommunication Engineering on 3.12.2020. The Department of Humanities & Applied Sciences and MMS in association of IQAC arranged a "Workshop on Universal Human Values" on 10.06.2021 and 11.06.2021.

At the end of the all these activities, participant were able to know that Universal human values play an important role in the life of human at various stages including education and career. Every person has to approach life with Positive attitude.

On 12.6.2020 a virtual program on "Positive Attitude" was conducted by Ms. Seema Nitsure active preacher of Vivekananda Kendra, Thane. The First Year Engineering students were exposed to the values like, Punctuality,

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Our national anthem's beautiful hoarding stands tall at the main entrance of the College and in this way the College spreads the

message of nation first policy. The College celebrates the Independence Day & Republic Day with great pomp and vigor. Our NSS unit organizes and celebrates the Constitution Day on an annual basis and takes pledge to contribute to the spreading of Constitutional values and ideals. In the academic year 2020-21, we celebrated the following days like Engineer,s Day, Independence Day, Teacher's Day i.e. Birth Anniversary of Dr. Sarvapalli Radhakhishnan. The 89th Birth Anniversary of Bharat Ratna Dr. A.P.J. Abdul Kalam was celebrated on 15.10.2020 as National Innovation Day. The 69 th IETE Foundation Day & Dr. C. V. Raman Birthday- Poster and Video making Competition under IETE & IIC was celebrated on 7.11.2020. National Unity Day is observed to commemorate the birth anniversary of Sardar Vallabhbai Patel. It is organized on the occasion by NSS Cell of the college. Dr. Rajendra Prasad's Birth Anniversary was celebrated on 3.12.2020. A Guest Lecture on Resilience was held on 17.9.20.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/document/d/11tKJ0a7P4IwgnpipTmnBV9jLcYeXMd7r/edit?usp=sharing&ouid=101923429457818848775&rtpof=true&sd=true
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

In academic year 2020-21, we celebrated the following days like Engineer's Day, Independence Day, Republic Day, Teacher's Day i.e. Birth Anniversary of Dr. Sarvapalli Radhakhishnan. 89th Birth Anniversary Bharat Ratna Dr. A.P.J. Abdul Kalam was celebrated on 15.10.2020 as National Innovation Day. 69th IETE Foundation Day & Dr. C. V. Raman Birthday- Poster and Video making Competition under IETE & IIC was celebrated on 7.11.2020. On 30.11.2020 Constitution Day Pledge was taken as a part of NSS Activity. National Unity Day is observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. It is organized on the occasion by NSS Cell of the college. Dr. Rajendra Prasad Birth Anniversary was celebrated on 3.12.2020.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Practice: Mission Green

Objectives

? Inculcate environmental values and consciousness

Context

Challenge lies in changing of the use-and-throw culture

Practice

MOU between institute and Ms. Rashmi Joshi, Environment Consultant

FDP on Emerging Areas of Research in Science and Environment.

Onworld Environment Day, session by Professor Yogendra Shastri.

"One Student One Tree" - Plantation Activity.

Online quiz

F.E. Induction Program session on Green Initiatives for Environmental Sustainability.

Sapling donation

Kitchen & Terrace Gardening"

E waste management

Evidence of Success

Huge participation

Problems Encountered

Due to geographical reasons rainwater harvesting in the institute premise is obstructed.

Title: E-Cell and Ideation Innovation Automation and Research Lab

(IIARL)

Objectives

To impart relevant skills to the students with a motive to make them self-employable.

Context

Every graduating engineer must be confident enough to be self-employed

4. The practice:

The IIARL has now been registered as an LLP.

5. Evidence of Success:

Webinar - A Brisk walk into Python Programming

Webinar -Getting Started with Git and Github

6. Problems Encountered and Resources Required

To cater to some of the obstacles like funding, the E-cell is trying to get funds from various Govt. funding agencies.

Resources required: Funds, Electronic Test & Measurement Equipment and components. 3D Printer, Laser engraver.

File Description	Documents
Best practices in the Institutional website	https://kccemsr.edu.in/public/naac/best-practices-2020-21.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Project E-Gaon "Retaining the sanctity of the village whilst

instilling technology”

INTRODUCTION: Sansad Adarsh Gram Yojana is a rural development program focusing development in villages includes social, cultural development and motivation of the village community.

OBJECTIVES:

1. To trigger processes which lead to holistic development of the identified Gram Panchayats
2. To substantially improve the standard of living and quality of life of all sections of the population through
 - Improved basic amenities
 - Higher productivity
 - Enhanced human development
 - Better livelihood opportunities
 - Reduced disparities
 - Access to rights and entitlements
 - Wider social mobilization
 - Enriched social capital

INITIATIVES

Workshop on Basics of Electrical Wiring at Gurudiksha English School Pimpri, 28th August 2021

Objectives:

- To educate students about Basics of Electrical Wiring
- Knowledge on safety and precautions when working with electrical appliances
- Hands on session on Basic Electrical wiring
- Hands on session on safety devices such as fuse, relays, MCB's etc

A workshop with demo and hands on session was conducted for the students of Gurudiksha School, Pimpri Village about Basics of Electrical Wiring. On safety devices such as fuse, relays, MCB's. Basic components were explained followed by practically wiring components. Smaller subgroups were made and monitored during basic wiring models. Students actively participated and provided good feedback.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

The institution has strategized for the implementation of the following plans in the upcoming academic year:

1. Organizing an institute level international conference in association with Springer or IEEE publication.
2. Expert team visit for NBA accreditation for two programs: Computer Engineering and Electronics and Telecommunication Engineering.
3. Increase in the placement statistics by a minimum of 10% from the previous academic year.
4. Strengthening the institute industrial linkage and collaboration.
5. Integration of MOOC courses in the regular academics through various online platforms such as Coursera, Udemy, NPTEL and others for learning of new skills and updating in the thrust areas by faculties and students.
6. Recruitment of faculties with research backgrounds for improving the cadre ratio and research culture in the institute.
7. Motivating the students to participate in various technical and non-technical competitions at institute, state and national level.
8. Conduction of various value added and add on courses in the emerging and trust areas for students of engineering and management. Along with these courses, various other courses on employability, soft skills, life skills and entrepreneurship will be also conducted.
9. Initiating and training the other remaining departments for NBA accreditation.