



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	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.	02225327100
• 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
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	<b>Self-financing</b>												
• Name of the Affiliating University	<b>Mumbai University</b>												
• Name of the IQAC Coordinator	<b>Dr. Arundhati Chakrabarti</b>												
• Phone No.	<b>02225356085</b>												
• Alternate phone No.	<b>9028012321</b>												
• Mobile	<b>9028012321</b>												
• IQAC e-mail address	<b>arundhati.chakrabarti@kccemsr.edu.in</b>												
• Alternate Email address	<b>iqac@kccemsr.edu.in</b>												
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://kccemsr.edu.in/naac/AQAR-2020-21">https://kccemsr.edu.in/naac/AQAR-2020-21</a>												
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>												
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://kccemsr.edu.in/public/naac/academic-calendar-2021-22.pdf">https://kccemsr.edu.in/public/naac/academic-calendar-2021-22.pdf</a>												
<b>5.Accreditation Details</b>													
<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><b>Cycle 1</b></td> <td><b>B++</b></td> <td><b>2.88</b></td> <td><b>2019</b></td> <td><b>14/06/2019</b></td> <td><b>13/06/2024</b></td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	<b>Cycle 1</b>	<b>B++</b>	<b>2.88</b>	<b>2019</b>	<b>14/06/2019</b>	<b>13/06/2024</b>	
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<b>6.Date of Establishment of IQAC</b>	<b>01/09/2017</b>												
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>													
<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><b>NIL</b></td> <td><b>NIL</b></td> <td><b>NIL</b></td> <td><b>NIL</b></td> <td><b>NIL</b></td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>			
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<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>									
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>												
• Upload latest notification of formation of IQAC	<a href="#">View File</a>												

<b>9.No. of IQAC meetings held during the year</b>	<b>5</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
1. NBA accreditation process for Information Technology department.	
2. International conference in association with Springer was conducted on 8-9th July ICISHMC.	
3. To increase the placement prospects and enhancement in skills of the students, the institute took initiative to train the faculties by collaboration with Eduskills and global certification programmes.	
4. The students were registered under AICTE Eduskills platform for their training and internship.	
5. Recruitment of faculties with research backgrounds for improving the cadre ratio and research culture in the institute.	
<b>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</b>	
Plan of Action	Achievements/Outcomes
As per advisory of NAAC, ISO certification body needs to be NABCB or any member of IAF. The quality of various processes is to be upgraded and implemented by ISO Certification 9001:2015.	The certification body was changed. 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>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 &amp; 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. And in around 70% cases it was observed that faculties had undergone two or more trainings or FDPs.</p>
<p>To strengthen the quality of</p>	<p>International conference in</p>

<p>research publication.</p>	<p>collaboration with Springer was conducted. Where in internal faculties were encouraged to submit their papers. 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 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. The revision in the publication amount was done for motivating th faculty members.</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 120 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 gaps. For more appropriate</p>

	<p>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>
NBA of Information Technology	<p>The department of Information Technology, are in the process of application for the NBA accreditation.</p>
<p>The Institute undertook collaboration with the Infosys Springboard 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, also to be in line with the NEP for strengthening of skills through MOOC platforms.</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>
e-yantra lab	<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>Workshops, guest lectures and events conducted in online mode in coordination with IQAC.</p>	<p>A number of events for value addition in curricular, co-curricular and extra curricular areas were conducted.</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 80% with multiple offer letters to students. There was an increase of approximately 9% from previous academic year.</p>				
<p>Professional upgradation of faculties</p>	<p>To have a continuous growth of the faculty members around 16 faculties members are currently pursuing their PhD from reputed universities.</p>				
<p><b>13. Whether the AQAR was placed before statutory body?</b></p>	<p>Yes</p>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>CDC</td> <td>23/12/2022</td> </tr> </tbody> </table>	Name	Date of meeting(s)	CDC	23/12/2022	
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CDC	23/12/2022				

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2021-22	24/01/2023

**15. Multidisciplinary / interdisciplinary**

The NEP (National Education Policy) was adopted by the Government of India to promote holistic development of the educational institute as a whole. At K.C.College of Engineering and Management Studies and Research (KCEMSR), utmost importance is given to the activities to adopt the policies laid down in the NEP. The institute has many clubs which are inculcating the practice of multidisciplinary education through their events. The events are having both the societal as well as educational values. At, KCEMSR, an ECO club and Rotract club is established since many years. Through the Rotract club, students are organizing many events like raising funds for feeding the needy people, creating awareness among the people for prevention of dreadful disease like jaundice etc. Besides these the Rotract club also organizes the events to create awareness among the students regarding rich cultural heritage of India. Through the programme like "Youthism", the Rotract club organizes motivational talks among the youth committee. Besides these the Rotract club also organizes many events related to even literature also that enhances the creativity of the students. The Eco-Club at KCEMSR organizes regular events for creating the environmental awareness by organizing tree plantation programme, signing MoUs with the NGOs working in the environmental sector and many others. The Eco-Club also involves its volunteers to go the the nearby localities and carry out activities related to environmental awareness which can make our mother earth more livable. The Eco-club also organizes events over the burning social as well as environmental problems like waste disposal practices. The Eco-Club and the Rotract club does not restrict their activities within the college campus only, but spread flanks in the nearby areas of Thane and Mumbai. The institute has an active unit of National Service Scheme (NSS) where students used to do many activities like beach cleaning in line with Swachh Bharat Mission of the Union Government. The NSS unit also organizes the programmes like clothe donation to the under privileges etc which are having great societal cause. The institute also offers Environment Management as an elective course offered by the University of Mumbai to the final year engineering graduates. The institute has an active "Entrepreneurship Cell" which undertakes projects from industries as well as the social development organizations to carry out multi-disciplinary research along with



giving the flavor of becoming an entrepreneur to the students in the midst of their college days. The students take active part in Smart India Hackathons in all the years to shape the live project ideas coming from industries and various government departments. To create a platform for interacting directly with the industry professions regarding multi-disciplinary research the institute has active chapters of Computer Society of India (CSI) and Institution of Electronics and Telecommunication Engineers (IETE) which organizes events like organizing expert lectures and workshops.

#### **16.Academic bank of credits (ABC):**

Being an affiliated institute under the University of Mumbai, it as to follow the guidelines of the University regarding the framing of courses and allotting credit point to the students. The institutes in the process of adopting Digi lockers scheme adopted by the University of Mumbai.

#### **17.Skill development:**

KCCEMSR has taken the initiative to establish the study center for AICTE KARMA (Module 2 and 3) scheme for developing the vocational skills among the students. The institute has an active training and placement (T&P) department which organizes regular training sessions for the students to make themselves industry ready. The T&P department makes the avenues for the students to work in the live projects. Besides these the institute also has active chapters of professional societies like IETE, CSI for providing the industry reaction platform to the students. Many vocational training programmes are organized in collaboration with these professional societies. Every department of the institute organizes value added courses (VAC) on emerging areas like IoT, data science, networking (certified by CCNA) Python programming etc for imparting necessary skills to the students. The institute has won award in efficiently taking part in Edu-Skills training programme organized by Ministry of Education, Government of India. The institute also organize courses on advance excel and soft skill development programmes by professional trainers from industries.

KCCEMSR organizes many events promoting the rich cultural heritage of ancient India. The institute religiously celebrates Independence Day, Republic Day, Youth day, Parakram Diwas and International Yoga Day and other regional and national festivals.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

At KCCEMSR regular courses or sessions are organized for Vedic maths, yoga , marshall art etc for inculcating the ideas of rich heritage of ancient India. The students as well as staff members take active part in it.

**19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

More than 50% of the departments of KCCEMSR are NBA accredited. So, each and every activity is mapped with the Programme Outcomes and attainment levels are calculated. The institute follows a practice of taking holistic feedback from students, guardians, recruiters and alumni members. The attainment of each and every subject is calculated setting some specific targets as directed by the Internal Quality Assessment Cell (IQAC) of the institute Not only courses even the extracurricular and co-curricular activities are also assessed based on the achievements which is the main assessing policy of Outcome based education. The CO-PO mapping is done at the departmental PAC level and then approved by IQAC. Then performance of the students is judged based on internal examination, University exam based following the principles of outcome based education.

**20.Distance education/online education:**

The institute has an active cell for promoting v-labs of IIT Bombay. Apart from these students need to compulsorily complete online courses of Coursera, Edex etc as a part of their achievements. The institute also have a local chapter of NPTEL for inculcating the benefits of self learning through online mode of education.

**Extended Profile**

**1.Programme**

1.1 331

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

File Description	Documents
Data Template	<a href="#">View File</a>

**2.Student**

2.1 1126

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2 000

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 330

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1 67

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 55

Number of sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>331</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>1126</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>000</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>330</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>67</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>

3.2	55
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 4. Institution

4.1	20
Total number of Classrooms and Seminar halls	
4.2	481.43
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 KCCEMSR, academic year begins as per the schedule guidelines given by University of Mumbai. Faculty members were part of the subject syllabus setting and University paper setting. The academic calendar is prepared which includes academic and assessment schedule.

Orientation programs are conducted for newly admitted first year and lateral entry second year students to make them aware of all academic processes.

Head of Departments conduct meetings with the faculty before commencement of the semester to make the faculty aware of their responsibilities. The semester wise timetables are prepared as per the availability of resources.

The evaluation of students is done through i) Internal Assessment test , End Semester Theory Examination ii) Oral/Practical Examinations and iii) Quiz, Presentation, Mini-Projects, Assignments, etc.

At the end of the third year semester examination, Project coordinator invites the project titles depending on society, research, industry related problems. At the start of final year, a panel reviews these topics to finalize the project title.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
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 the affiliated university (University of Mumbai). In the beginning of the academic year college prepares its own academic plan semester wise consists of ODD Semester from July to December and EVEN Semester from January to June, proposing the activities and it's probable dates.
2. Academic calendar includes curricular, co-curricular and extra-curricular activities to be conducted by the institute.
3. Institute adheres to conduct various internal examinations like Internal Assessment and, External examination like oral-practical as per the academic calendar.
4. Assignment: Every subject has two minimum assignments based on syllabus, and asked to submit which are then evaluated and included as a part of term work.
5. Internal Assessment: 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 after the term ends.
7. Feedback: Feedback from the students regarding the teaching learning process, faculty etc. is taken following the academic calendar.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

<p><b>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</b></p>	<p><b>A. All of the above</b></p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

**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)	<a href="#">View File</a>

**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)**

13

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

767

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

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

**Environmental science & Professional Ethics:** To foster & create awareness about the Environment & Sustainability Human values & Professional Ethics the curriculum has many courses. Some of them are as follows:

- Environment Management (Final Year : Semester VIII Institute level)

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. were covered in this subject.

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



Good ethical practice and professional behavior are expected in all forms of business activities. Being an engineer one should be honest, impartial, fair, and must do everything with equity.

**Gender:**

The institute has constituted various committees such as Women Development Committee, Women Redressal 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.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

6

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

<b>1.3.3 - Number of students undertaking project work/field work/ internships</b>	
272	
File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	A. All of the above
File Description	Documents
URL for stakeholder feedback report	<a href="https://kccemsr.edu.in/naac/feedback-it-dept">https://kccemsr.edu.in/naac/feedback-it-dept</a>
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
<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	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	<a href="https://kccemsr.edu.in/naac/feedback-it-dept">https://kccemsr.edu.in/naac/feedback-it-dept</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

316

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**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**

76

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**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**

Institute takes effort to serve the students of different learning abilities. It has a mechanism in place for continuously monitoring the progress of the students through lecture and practical attendance, regular examinations, participation in different departmental and institutional activities.

Based on the performance of XIIth and Entrance Examination, the learning level of student is calculated and for identification of learning level at higher semester (i.e. Second Year, Third Year, Final Year) the subject performance of the student is considered.

Faculty takes efforts to improve the performance of slow learner in following ways:

- Extra remedial classes and practice sessions were arranged to simplify the concept.

- Tutoring
- Participation in Group Discussion and Debate etc.
- Individual attention has been given to academically needy.
- Useful questions and self-study materials were made available to the students.

For advanced learners:-

- The advanced learners are advised and guided to refer online resources and undertake

Advanced online courses available on NPTEL etc.

- The college encourages them to participate in national level project competition such as Hackathon, Avishkaar, e-Yantra etc.
- Peer groups of different levels of students to inculcate competitive spirit amongst them with complex contents from

Syllabus.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1126	67

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

In 21st century teacher plays facilitator role for outcome based education. In teaching learning process basic cognitive levels are achieved by different activities like Video lectures, demonstrations, Industrial visit, quiz and Group discussion.

Higher cognitive levels are accomplished by Mini Project, Internship Training.

1. **Experiential learning:** Final year and Mini projects are given to the students where students apply the knowledge and skills learned from the courses studied to solve practical problem related to society, institute and environment.

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 industry-academia to improvise the knowledge and to get hands on experience.

2. **Participative learning:** Students are motivated to participate in inter and intra collegiate technical activities such as technical paper presentation, RoBo race, Coding Competition, as well as different project competitions like Avishkar, Hackathon and present the papers in National/International conferences.

3. **Problem solving methodologies:** Technical festival of the college (DETROIX) enhances students critical thinking through technical quiz, circuit mounting etc. Students are encouraged to participate in Nationwide initiative Smart India Hackathon. The professional society event plays a vital role in this development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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. like Google Classroom, Video Conferencing Tools, Google Docs, Presentation Applications 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

for delivering guest lectures for a National and International speakers for addressing the students with some contents beyond the syllabus.

- Quiz competitions, Project competitions were also conducted.
- Google forms were used to take course exit, program exit survey and department as well as institute level feedbacks.
- Quizzes were created for the multiple-choice questions and for short / broad answer type questions file uploading options were given.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 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

67

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

67

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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)	<a href="#">View File</a>

**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**

**817**

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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.

As per the university guidelines internal assessment is done based on Internal assessment tests I and II, assignments and other activities related to the course. IA-1 is conducted on about 40% of the syllabus whose syllabus information is given to the students. IA-II is conducted on 80-100% syllabus. After conduction of Internal assessment test, marking scheme and solution is displayed and made available to the students. Marks are displayed after the evaluation within 10 days of conduction. Question papers for IA are prepared following proper high blooms taxonomy level and as per the course outcomes. Question papers are verified by the PAC to ensure proper level of question paper. Three sets of question papers are submitted to the exam cell by the subject teachers out of which one set is randomly selected.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The conduction of various internal exams are carried out as per the of guidelines of University. However the grievance case in the form of photo copy and revaluation application is not applicable for the Internal assessment I and II.

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 course outcomes are specified by the University of Mumbai in the syllabus.
- Course outcomes, program outcomes and program specific outcomes and its mapping are discussed with students in the classroom at starting of the new semester. It is also discussed by the faculty before starting of the new chapter as well as experiment in the laboratory.
- The institute keeps its stockholders aware about course



outcomes, program outcomes and program specific outcomes by publishing on college website, laboratory, library, college magazine, department newsletter, Head of Department cabin.

- These are also printed on student course journals as well as individual faculty course files.
- Each faculty map course outcomes with cognitive level (Bloom's Taxonomy) and program outcomes and program specific outcomes.
- Each faculty calculate the course attainment using direct and indirect tools and find out the gap if any in CO-PO-PSO mapping and accordingly action is planned to achieve the CO-PO target for next academic year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://kccemsr.edu.in/public/naac/course-outcome-2021-22.pdf">https://kccemsr.edu.in/public/naac/course-outcome-2021-22.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

- The course outcomes are specified by University of Mumbai in the syllabus. Course file is prepared & maintained by individual faculty for each course.
- Target for attainment of course outcomes is set according to perquisite subjects result of same batch. Course outcomes are mapped with program outcomes and program specific outcomes. The attainment of course outcome is calculated by direct and indirect tools for each course.
- Direct assessment tools such as internal tests, end semester examination, laboratory performance, and assignment are used and rubrics for the assessment of student's performance are formulated and communicated well in advance.
- Subject Incharge prepares questionnaire for the course exit survey and is taken from the students at the end of the semester and are mapped with course outcomes. Program exit survey is taken from current year passed out students and is mapped with program outcomes.
- Final attainment of course outcomes is calculated with 80% weightage for direct and 20% weightage for indirect

assessment tools. Attainment of course 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 are planned and conducted

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 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

324

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
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-2021-22.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)

000

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)	<a href="#">View File</a>

**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	<a href="#">View File</a>

**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**

000

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
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. For this purpose R&D organized a session on "Guidance to Write and Publish Technical Papers" on 05.03.2022. Computer Engineering Department organized considerable number of seminars/expert lectures to enhance the knowledge of the students and faculties - "Automation Testing: Selenium with Python" on 22.10.2022, "Guest Lecture on Natural Language Processing" on 04.03.2022, "Hands-on Session Security on 05.03.2022. "Wireless Network and Network Management" on 07.04.2022, "Algorithms in Industry" on 23.04.2022 were organized by the same department. EXTC Department organized "Hands on Session on Embedded System and Programming" on 04.04.2022 and 05.04.2022.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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**

3

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**3.3 - Research Publications and Awards**

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

<b>3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year</b>	
13	
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)	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year</b>	
<b>3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year</b>	
24	
File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>
<b>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</b>	
<b>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</b>	
11	
File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>
<b>3.4 - Extension Activities</b>	
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 Guru Purnima, Independence Day, Non-violence pledge and session on Gandhi Jayanti, Constitution Day see large participation of the students who take up activities. Blood donation camps in the college area are a regular feature (twice a year) whereby students and staff donate blood for the cause. The college also has a Youth Red Cross (YRC) society, which conducts 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. Events of E-Cell orient the students towards entrepreneurship. E-Cell has organized a total 9 activities this year. Significant activities of E-Cell are - Sessions on Git and Github, IoT, Python Libraries for Data Science, Guidance to website design.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

10

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 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**

53

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

**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**

2495

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

1

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 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

7

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

## 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 institution adheres to the standards established by the All India Council for Technical Education (AICTE) for developing and improving the infrastructure with cutting-edge information technology to promote efficient teaching and learning. All the classrooms and seminar halls are with ICT enabled which provide proper environment for students to study. The institute has complete lab setup with latest equipment as well as enriched library resource with reprographic facility. Campus is Wi-Fi enabled with uninterrupted power supply. Further, a canteen functions within the institute premises, and provides food at affordable rates to the staff and students of the college.



Institute has exclusive language lab with ETNL software to enhance the overall personality development. To encourage students Entrepreneurship skill, there is a separate E-cell with advanced equipment. The institute has seminar halls with an adequate seating capacity that can house small as well as large groups for various academic sessions and celebrations in the campus. For fire safety, fire extinguisher facility is installed in the campus. To promote green energy, solar panels are installed in the campus. Security surveillance system is installed all over the campus. The institute has a medical room, ramp facility for persons with disabilities, purified water, elevator facility.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://kccemsr.edu.in/infrastructures">https://kccemsr.edu.in/infrastructures</a>

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

The institute actively encourages students to participate in a variety of extracurricular activities in order to foster a sense of teamwork and leadership skills. 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%

The institution's Student Council annually hosts a sporting event called Xavion. This is an opportunity for students who love team sports and outdoor activities to flourish. 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. 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.

The benefits of Yoga include the strengthening of the immune system. Yoga increases endurance, increases blood circulation, and promotes detoxification, thus boosting immunity. 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.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

20

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

481.43

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**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

2021-2022

Biyani Technologies

Fully Online

VB 3 (Visual Basic)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**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)	<a href="#">View File</a>

**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)**

**197617**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**30**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

**Institute has updated Old Computer Systems with Intel I5 with 16 GB RAM & SSD Hard Disk Installed in these Systems**

**Institute has renewed Internet Connectivity as per requirement or expiry of old internet yearly plans.**

**Campus Wi-Fi has been installed on each floor.**

**Earlier 23 access Points has been installed now 3 more access points has been added. .**

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	<a href="#">View File</a>

#### 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	<a href="#">View File</a>

#### 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)

66.24

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 & functioning units of the institute are provided with infrastructure facilities. To develop the skills & understand the values the institute has Human Value Education Cell.

The institute always ensures the allocation of adequate financial resources for maintenance and upkeep of major facilities for academic, physical and support facilities. To maintain cleanliness and hygiene in the campus a full time outsourced housekeeping team is available. Generators, power supply units and power backups are available. The effective usage of all the facilities is ensured by encouraging the students to participate in various curricular and co-curricular activities.

Institution frequently updates IT facilities. System administrator is functioning in the college to cater to the needs of day-to-day computer maintenance. If the IT related equipment is not working properly then concerned person should send the complaint by Email to [ithelpdesk@kccemsr.edu.in](mailto:ithelpdesk@kccemsr.edu.in).

All the departments take care of regular maintenance of the laboratory equipment. Wherever necessary, Annual Maintenance Contract is also in practice. Institute has set up industries attached laboratory are E-Yantra & CISCO Networking Academy. Our institute is recognized as virtual lab nodal centre. Library is automated using Integrated Library Management System.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://kccemsr.edu.in/public/naac/sop.pdf">https://kccemsr.edu.in/public/naac/sop.pdf</a>

## 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

812

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

0

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)	<a href="#">View File</a>

**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	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

1121

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

1121

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)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 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

**132**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

**16**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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**

15

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

**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.**

9

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 )

**Student Council:**

**Student Council is the apex student body of our institute. Student**

Council selection is held every year and selected students for Student Council. Selection process include round of Group discussion, just a minute test, and personal Interview which is headed by Head of the department, Senior Faculty and Training and Placement Officer. Student Council member consists of General Secretary, Joint Secretary, Sports Secretary, Marketing Head, Technical and Cultural Secretary, Literary Arts (Pont and tally, ARTs) and Treasurer.

Student Council takes active initiative organized following activities:

- Technical event "DETROIX" is organized and looked after by technical Head along with student volunteers.
- Sports Activities includes outdoor and indoor games like Cricket, Volleyball, Football, Table Tennis, Chess, Carrom are organized by Sports Secretary.
- Cultural Event "REFLEXIONZ" is organized by Cultural Secretary and General Secretary. They play major role in the conduction of annual cultural festival. The Treasurer (Finance Head) takes care of budget planning and expenses required in various events.
- Various days' celebration like "Founders Day", "Teacher day" and "Fresher Day" are organized by Council Every Year.
- Association namely Rotract club, Youth Red Cross, Quality Assurance Committee, NSS help to nurture students in the direction of social, technical and extra-curricular activities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

13

File Description	Documents
Report of the event	<a href="#">View File</a>
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)	<a href="#">View File</a>

#### 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

Contribution of alumni for the institution plays a very important role for its overall development. Institute is connected to alumni via Facebook, Whatsapp, and LinkedIn. They have reached a good position in their career and also try to help other students of college to achieve success.

Alumni are placed at higher positions in Industries like TCS, Loreal, Wipro, Zycus, Eclinical, Sutherland, Zoriant, Reliance JIO, Decolite CapGemini. Few alumni are entrepreneurs and running their companies like YUPS Tech Solutions Private Limited, Big dreams Private Limited, Appdid.cometc and few are contributing in Armed force, Metro Railways, NSDL etc. Many have opted for higher studies in India & Abroad. Our Alumni are not only technically good but have also shown their excellence in various fields like Novel writing, Photography, sports, Blog writing, Acting etc.

Contribution of alumni in College:

Institute has Alumni Association, they contribute through Financial and Non Financial means. Our alumni enthusiastically participate to share their ideas, encouraging present students through seminar, guest lectures and workshops. .

They are actively involved in teaching the 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	Nil
Upload any additional information	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>D. 1 Lakhs - 3Lakhs</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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 is prepared. 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.

Innovation Ambassadors are trained under IIC. 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 for student's overall development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

Rotract, 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

**Case Study:** To understand and analyze the actual potential of the students Training and Placement Cell conducts surveys before they pass out of the campus. The survey guides in strategizing upcoming activities adding more industry partners. Roll out more opportunities for the students in broad horizon.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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 2021-22

#### Perspective plan/Strategic Plan Deployment

- NBA for remaining department
- Eduskills Certification and virtual internship for the students
- Value Added course conduction in the emerging areas
- Various Honor Courses Implementation from semester 5 as approved by University of Mumbai

#### 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. More usage of modern tool to conduct teaching learning process more smoothly, course certification by Eduskills promoted by institute and Virtual internship for the students.

Value Added course conduction in the emerging areas like Blue Prism RPA, Microchip as proposed by AICTE by Eduskills Certified Faculties or trainers.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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	Nil
Link to Organogram of the institution webpage	<a href="https://kccemsr.edu.in/igac/organogram">https://kccemsr.edu.in/igac/organogram</a>
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>B. Any 3 of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning)Document	<b>No File Uploaded</b>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

**Teaching**

- 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
- Leaves for PhD related work

**Non-teaching**

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

**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	Nil
Upload any additional information	<a href="#">View File</a>

**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**

14

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)	<a href="#">View File</a>

**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**

6

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

**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**

**23**

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

**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	Nil
Upload any additional information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>

#### 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)

Nil

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)	<a href="#">View File</a>

#### 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 come from Government. Approximately 10% of the total fees come 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 discusses requirements and decides 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	<a href="#">View File</a>

## 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

KCCEMSR 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. Institute is proceeding for NBA accreditation for some department. Different formats are upgraded by IQAC as per the need. 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

**KC Retract:**



Team Rotract of KC conducted more than 75 events .Team ranked 27th in whole Thane district. They donated 500KGs of Grain amidst COVID under the project "Feed the Need" on 25 July 2021. Hosted flagship events such as Next Think Tank for the Girl Child Education fund Raising. Secured best project by district nomination for a Fun event "Valorant Tournament conducted on 20 Feb 2022. The team plans the events that help them to learn team work, build up communication skills.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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 tries to achieve through ISO audit, Course file audit, internal audit, and different type of feedback. Internal auditor from other department will check the process of department.

- Internship Program from Second year:
- Free Eduskills Certification and virtual internship for the students
- Free Value Added course conduction for the students in the emerging areas

#### Feedback

To maintain quality following feedbacks are taken and after analysis action is taken:

- Feedback of student regarding the teaching learning process,
- Course Exit Survey by the students for every course,
- final year students Programme exit survey,
- SSS.

- Feedback on all events.
- Alumni feedbacks are taken.

### 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	Nil
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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 Gender Equity Committee was constituted in our college and it 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 and faculty members. Students also gave a detailed Introduction of Savitribai Phule, her 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 Mr. Shailesh Patil, a renowned Yoga Instructor. 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, 2022. 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	<a href="https://drive.google.com/file/d/1ToFEvr7e3WMI6b8E93CPWIQv3jkAaxT-/view?usp=sharing">https://drive.google.com/file/d/1ToFEvr7e3WMI6b8E93CPWIQv3jkAaxT-/view?usp=sharing</a>

**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	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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 club has joined hands with environment consultant -Rashmi Joshi to inculcate environmental consciousness.

- Solid waste management

1. The main objective of solid waste management is to create a clean and green environment in the campus.
2. The institute adopts the policy of Reduce, Recycle and Reuse (3R's). ECO CLUB has installed a compost pit for recycling the canteen waste and dried leaves from the trees into manure.
3. The produced manure is being utilized in the institute garden.

- Liquid waste management

1. Institute has an efficient drainage system for liquid waste management.
2. No specific hazardous liquid waste is generated by other laboratories of the institute.
3. Sewage water, Lab washing water, and canteen water is let out in drains. The drains are connected to the creek
4. Liquid non-hazardous chemical wastes generated from the chemistry laboratory are diluted or neutralized and discarded.

- E-waste management

1. The club has also initiated the practice of collecting e-waste, periodically from staff, students and neighboring societies and handing it over to a recognized governmental organization for recycling.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

<b>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>	<b>B. Any 3 of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.5 - Green campus initiatives include**

<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<b>A. Any 4 or All of the above</b>
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<b>No File Uploaded</b>
Any other relevant documents	<b>No File Uploaded</b>

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

<b>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</b>	<b>D. Any 1 of the above</b>
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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	<a href="#">View File</a>

<p><b>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</b></p> <p><b>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
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).

**"Learn the concepts without any Mistakes, after Learning, stand according to the Laws"**

**is a famous saying by Great Tamil Poet Thiruvalluvar. In Indian culture values are treated as life skills. Technological**

development and cultural confusions made imbalance in environment and human beings. In order to balance the Harmony in the Globe, human beings are in a position to recall the values and implement them in their day today life regularly. 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, RTR and YRC students on 6.9.2021. Engineer's Day & National Unity Day were celebrated on 15.9.2021 and 31.10.2021 respectively in association with NSS.

The Department of Humanities and Applied Sciences and Department of Computer Engineering arranged "Webinar on Universal Human Values" on 6.6.2022 & 3.12.2021 resp.

At the end of the activity, participants were able to know how values play an important role in their education and career.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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 2021-22, we celebrated the following days like Engineer's Day, Independence Day, Teacher's Day . The 70 th IETE Foundation Day & Dr. C. V. Raman Birthday was celebrated by holding E Poster making Competition under EXTC department, on 8.11.2021. National Unity Day was observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. It was organized on the occasion by NSS unit of the college on 31.10.2021. Dr. Babasaheb Ambedkar Jayanti

,National youth Day &International Non-Violence Day and Chhatrapati Shivaji Jayanti were celebrated on 14.4.2022,12.1.2022,19.2.2022 and 2.10.2021 respectively.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://docs.google.com/document/d/1aXd6kZbpFOGwdJM1a0QIQgSuo3whew07/edit?usp=sharing&amp;oid=101923429457818848775&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1aXd6kZbpFOGwdJM1a0QIQgSuo3whew07/edit?usp=sharing&amp;oid=101923429457818848775&amp;rtpof=true&amp;sd=true</a>
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	<a href="#">View File</a>
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	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate it 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 students. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

In A.Y.2021-22, we celebrated the following days like Engineer's Day, Independence Day, Republic Day, Teacher's Day. The 70th IETE Foundation Day & Dr. C. V. Raman Birthday was celebrated by holding E-Poster making Competition under EXTC department, on 8.11.2021. National Unity Day was observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. It was organized on the occasion by NSS unit of the college on 31.10.2021. Dr. Babasaheb Ambedkar Jayanti, National youth Day & International Non-Violence Day and Chhatrapati Shivaji Jayanti were celebrated on 14.4.2022, 12.1.2022, 19.2.2022 and 2.10.2021 respectively.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### 1. Title of the Practice: Mission Green

### 2. Objectives of the Practice

- To inculcate environmental values and consciousness amongst learners, faculty and society.

### 3. The Practice

Some of the highlights of Green Practices in 2021-22 are:

1. An MOU has been signed.
2. Organized "Webinar - Environment awareness program" on 5.12.2022.
3. "Holi" had been celebrated with Natural colors on 18.3.2022.
4. For "Baisakhi" celebration, decoration had been done with waste products on 13.4.1 2022.
5. "No-vehicle day" had been organized on 20.5.2022.
6. Webinar on "Organ donation" conducted on 21.5.2022.

1. Title of the practice: E-Cell and Ideation Innovation Automation and Research Lab (IIARL)

2. Objectives of the practice:

- To undertake research activities, train entrepreneurs, identify opportunities and pursue them.

3. The practice:

Some of the highlights of Ecell activities in 2021-22 are

1. Guest Lecture on Introduction to UI/UX Design was conducted on 5.2.2022

2. Workshop on Essential Python Libraries for Data Science (Numpy) & Data Science (Pandas) was conducted on 8.3.2022 & 16.3.2022 resp..

3. Git and GitHub Session was conducted on 24.3.2022.

4. IoT Session is conducted on 19/3/2022, 1/04/2022 and 5/04/2022

5. Seminar on Practical Guide to Responsive Web Design was conducted on 16.4.2022.

File Description	Documents
Best practices in the Institutional website	<a href="https://kccemsr.edu.in/public/naac/best-practices-2021-22.pdf">https://kccemsr.edu.in/public/naac/best-practices-2021-22.pdf</a>
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 broadly focusing upon the development in the villages which includes social development, cultural development and spread motivation among the people on social mobilization of the village community.

**OBJECTIVES:** The main objectives of SAGY are:

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

1. To generate models of local level development and effective local governance which can motivate and inspire neighboring Gram Panchayats to learn and adapt

**INITIATIVES TAKEN: (2021-22)**

- Workshop conducted on Basics of Electrical Wiring at Gurudiksha English School

Pimpri, on 28.8.2021

- Book donation at Gurudiksha English School , Pimpri on 2.10.2021

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
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. The NBA accreditation for Information technology department, submission of pre-qualifier and SAR.
3. Expert team visit for NBA accreditation for Information technology department.
4. Increase in the placement statistics by a minimum of 5% from the previous academic year.
5. The further strengthening of the institute industrial linkages and collaboration.
6. In line with NEP, 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.
7. Recruitment of faculties with research backgrounds for improving the cadre ratio and research culture in the

institute.

8. Offering minor degree courses to students as per University of Mumbai directives in continuation with their regular degree courses.
9. Motivating the students to participate in various technical and non-technical competitions at institute, state and national level.
10. 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 also be conducted.
11. Further strengthening of the Entrepreneurship cell by monetizing the products manufactured in-house.
12. The ISO certification to be redone in line with the advisory note issued by NAAC.
13. Strategizing for strengthening on the opportunities mentioned in the NBA report as a part of continuous improvement.