



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	EXCELSSIOR EDUCATION SOCIETY'S K.C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH
Name of the head of the Institution	Vilas Nitnaware
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	022-25327100
Mobile no.	9867055566
Registered Email	principal@kccemsr.edu.in
Alternate Email	iqac@kccemsr.edu.in
Address	Near Sadguru Garden, Mith Bunder Road
City/Town	THANE EAST
State/UT	Maharashtra
Pincode	400603

2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. Arundhati Chakrabarti																		
Phone no/Alternate Phone no.	02225356085																		
Mobile no.	9028012321																		
Registered Email	arundhati.chakrabarti@kccemsr.edu.in																		
Alternate Email	iqac@kccemsr.edu.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://kccemsr.edu.in/naac/AOAR-2018-19																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://kccemsr.edu.in/naac/academic-calendar-2018-19																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>2.88</td> <td>2019</td> <td>14-Jun-2019</td> <td>13-Jun-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	2.88	2019	14-Jun-2019	13-Jun-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	2.88	2019	14-Jun-2019	13-Jun-2024														
6. Date of Establishment of IQAC	01-Sep-2017																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries																
Next Think Tank (NTT)	13-Oct-2018		493																

platform was provided to eminent personalities	1	
Applied for funding of incubation center from MSME	26-Mar-2019 1	1
Formation of registered Alumni Association	15-Dec-2018 1	206
Participation in AICTE sponsored program for Induction	13-May-2019 10	5
Membership of professional bodies : IETE-ISF	24-Aug-2019 5	60
Membership of professional bodies : CSI	28-Feb-2018 5	101
Meetings of IQAC	06-May-2019 1	18
Meetings of IQAC	11-Jul-2018 1	18
Academic & Administrative Audit	10-Sep-2018 1	1210
ISO Certification 9001:2015	19-Sep-2018 1	1210
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	DSTNIMAT Project 201819	DST _EDII	2018 3	20000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	5
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Strengthening of Alumni connect through registered Alumni Association. ? Conduction of various workshops and value added programs for stakeholders. ? Modification in internal question paper with respect to cognitive level, mapping of academic, extracurricular and cocurricular activities with course outcome and program outcomes. ? Creation of standardized rubrics with a view of outcome based education and updation of course outcome as per cognitive level. ? For improvement in research and development section, suggestions for publication in Scopus/UGCindexed journal or peer reviewed journal only. Also faculties were suggested for PhD registration in State/Central Universities or in Institutes of National Importance Only.

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

Plan of Action	Achivements/Outcomes
The quality of various processed is to be upgraded and implemented by ISO Certification 9001:2015.	External and internal audit for the setup of processes has played a vital role in maintain the quality culture. The result was evident across all sections by issuance of the ISO certificate.
Regular academic audit of all departments and administrative audit of all sections conducted by IQAC by training the members.	IQAC conducted regular audit and uniformity in the nature of work across all sections was evident.
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.	Semester wise and annual feedback are collected from students as course exit survey, faculty and on facility. Also from other stakeholders feedbacks are taken and feed forward of their suggestions are implemented in the upcoming semester or next academic year.
The Membership of professional bodies like CSI & IETE applied by Computer and Electronics Telecommunication department respectively.	The membership was received by the respective departments and various technical events were conducted under its banner for the skill enhancement of the students.
Faculties from various fraternity were send for participation in AICTE sponsored program for Induction planning and implementation.	As per the suggestions given by the experts during the AICTE program, the induction program in our college "Deeksharambh" was planned with the same vision and keeping almost the

	parameters same.
Improvement of subject wise academic results by minimum 5% from previous academic results based on university or historic result. The heads of the department continuously monitored the progress and was made more effective through remedial lectures, activity for bright students and doubt clearing sessions.	The result was found to improve by minimum 5% across all departments through these efforts.
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.	All staff had undergone training as per their areas of interest.
Formation of registered Alumni Association by active involvement of the alumnus and account opening for the transactional purpose.	The outcome of the association can be registered from the no of alumnus registered under the association and their active involvement in college through various deliverables such as workshops based on industry requirements, guest lectures and career counselling sessions and also through Alumni Meet.
Institute applied for funding of incubation centre from MSME for generation and incubation of business ideas through KC-Ecell.	Institute received the status of HI/BI in the academic year 2019-20.
KC-TEDX was planned and permission for the same was granted from the TEDx community based on the institute's and coordinator's profile.	The event was successfully conducted and witnessed footfall from neighbourhood community in quite a good number.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
College Development Committee	04-Jan-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	19-Sep-2018
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	24-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The institute has various MIS rolled out and in use section wise, depending on their specific requirements. 1. Teaching departments are using MOODLE, Google groups for information dissemination. 2. Examination section uses VIVA software which is in tune with the examination system of University of Mumbai. All exam related work and result preparation is done with the help of this software. 3. Accounts department uses Tally software. 4. Library uses Biyani software to keep all kind of records like book issue/ return, stock. 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 The MIS systems used is effective and helps in a great way for prompt information.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The academic year of the institute begins as per the schedule guidelines given by the University of Mumbai. Our faculty members participate in various bodies of the university such as Board of Studies (BOS), and subject syllabus setting. At the end of the working semester, forthcoming Subject distribution is done so that the staff is aware of their subject for the upcoming semester. The academic calendar is prepared which includes academic and assessment schedules, as well as sports and cultural events. Head of Departments monitored teaching-learning & evaluation schedules of the institution. Orientation programs are conducted for the newly admitted first-year and lateral entry second-year students to make them aware of all academic processes. Head of Departments conducts meeting with the faculty before the commencement of the semester to make the faculty aware of their responsibilities. Regular meetings are conducted to review teaching-learning, academic progress of students, students'

grievances, and suitable remedial actions are taken as per the requirement. The semester wise timetables are prepared as per the availability of recourses.

Students are made aware of timetable, academic calendar & roll list by displaying on the notice boards before the start of the semester. All the information about Continuous Assessment Report & Rubrics is provided to the students at the beginning of the semester. To enhance e-learning amongst students, the institute uses a learning management system. Faculty prepares a course file, lab manual, & schedule for various activities. The same copies are submitted to the Head of Departments. Lectures & practical planning & implementation are regularly monitored by the Head of Departments. The evaluation of students is done through i) Internal Assessment test (I & II), End Semester Theory Examination ii) Oral/Practical Examinations and iii) Quiz, Presentation, Mini-Projects, Assignments, etc. The time schedule of the evaluation process is announced well in advance. Evaluation is done by the external and internal examiners. Theory paper evaluation for college and university examination is done by approved faculty members. The academic audit is conducted by the departmental committee every semester. To support the overall development and growth of students, the mentoring system is implemented. Regular one to one meetings with mentees are conducted and their queries/ problems are addressed and solved by mentors after consultation with respective Head of Departments. To provide exposure to work experience, students are encouraged to undertake an internship. Institute helps them to find suitable internship programs by coordinating with the Human Resource Department of various organizations. Regular feedbacks are taken from students personally or online. Feedbacks are analyzed and suitable actions are taken. At the end of the third-year semester examination, the departmental Project coordinator invites the project titles depends on society, research, industry, and institute related problems. At the start of the final year, a panel reviews these topics to finalize the project title. Each group has to report to their respective guide every week and maintain the weekly report. At the end of the semester, the student group will prepare the project report. This will be reviewed by External Examiner appointed by University.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
	Hands on Workshop on Cisco packet Tracer	15/03/2019	1	Employability	Packet Tracer Tool is Introduced
	Workshop on Latex	02/03/2019	1	Employability	Documentation tool is explored
	Embedded system design with 8051 and ARM Controller	05/03/2019	1	Employability	Understand Microcontroller subject with current industry requirement
	Workshop on Android application development in Kotlin in association	28/01/2019	4	Employability	App Development tool is used explored

with Appdid				
Certification Course on CCNA	03/01/2019	5	Employability	Network Applications
Awareness for project domains and hands on Latex	01/08/2018	1	Employability	Documentation tools is explored
Workshop on Design Applications as IOT	19/07/2018	2	Employability	Developed Project using various pots

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Engineering	01/07/2018
BE	Computer Engineering	01/01/2019
BE	Electronics & Telecommunication	01/07/2018
BE	Electronics & Telecommunication	01/01/2019
BE	Information technology	01/07/2018
BE	Information technology	01/01/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	248	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Workshop on Android application development in Kotlin in association with Appdid	28/01/2019	58
Certification course on CCNA	03/01/2019	20
Soft Skill	16/01/2019	106
GTT	09/10/2018	85

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Engineering	46
BE	Electronics and Telecommunication	33
BE	Information Technology	50
MMS	Master of Management Studies	45
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedback is being obtained to evaluate the performance. The purpose of this is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum for use in various processes and activities. The Institute maintains different types of feedback. Coordinators organizing workshop, certification course, Seminar or any other activity will take feedback from participants as well as delegates also. The feedback from alumni is drawn for evaluating subject knowledge gained through the program, progress of alumni in their chosen career after graduation, impact of different trainings, workshop, social skills, ability to take decisions, presentation skills at the workplace at Institute. A feedback to evaluate the facilities provided by the institution and the ambience provided for student and staff. All students and stakeholders have the opportunity to provide feedback. Faculty feedback by the students at the end of every semester. The student gives feedback for all the theory and practical courses taught to them in the semester. All the feed backs received from various stakeholders are summarized and analysis is carried out at department level .The obtained feedback is analysed and the action taken report is prepared and corrective actions are implemented subsequently.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Engineering	90	149	88
BE	Electronics and	90	43	43

	Telecommunication			
BE	Information Technology	60	84	57
MMS	Master of Management Studies	60	41	41
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1011	101	62	6	0

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
68	68	2	17	2	1

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

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

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

The objectives of the practice followed by the mentors are: • To monitor the students regularity discipline • To enable the parents to know about the performance regularity of their wards. • Improvement of teacher-student relationship • Counselling students for solving their problems and provide confidence to improve their quality of life. • Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc. The Practice: • The mentors meet the students associated with them atleast once in a month. • A separate mentoring and counselling hour or day is decided for the mentee by the mentors. • Each mentor maintains the entire student information and the mentor meeting record, which is examined by the HOD, IQAC and others concerned when necessary. • Periodic meetings are conducted by the mentor with HODs to review the problems which are not addressed at mentor's level. Few examples of feedback reported and addressed at mentor level: • Extra Lectures Doubt sessions were needed by students which were arranged by the concerned faculty mentor. • Personal counselling was needed for depressed students, where the mentor played an important role. • Some students were having problems in balancing KTs exams regular exams, the mentor suggested remedies a planned schedule was given to the students by Mentor. • Students of diploma had very less day for lectures practicals due to which they were tensed, so the mentor made sure to take steps for resolving their problems. • Some students had problems to talk in English to which the mentor suggested some activities for enhancing the same then the problem was also told to their communication teacher. • Students having medical issues were facing some problems which were taken care by the mentor also HOD. Few examples of feedbacks by mentees which were resolved by mentor in association with Head of Department. • BE students needed Core companies for placements. • Students requested for workshops on recent trends (hands-on), to which department took initiative to arrange workshops for the same for all year students. • BE students were tensed about their future/job/higher studies, through HoD, sessions on GATE were arranged also counselling for study abroad was done. • Students wanted some courses which can be beneficial for them after engineering. The outcomes of the mentor meetings are discussed with the mentees and they are guided accordingly.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1112	68	20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
58	68	0	6	3

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institute follows the University of Mumbai guidelines related to the internal evaluation system. Questions are set to evaluate the attainment of the desired Course Outcomes. Questions are incorporated to raise the difficulty level of the question paper. The quality of question papers is assessed by the Program Advisory Committee (PAC) and Department Advisory Committee (DAC). The faculty prepares the solution key and the same is conveyed to the students. 1. Internal Assessment of the courses is done through conduction of two class tests 20 marks each in every semester covering syllabus as per university rule and average marks of both tests will be considered as final Internal Assessment marks. 2. The performance of the student is evaluated throughout the semester in terms of Term work which includes experiment journal, tutorials, assignments, attendance and Project work (if applicable) and rubrics are defined for evaluation of experiments and assignments in respective subjects Faculty is also maintaining the attendance record of students for theory and practical sessions for given subjects 3. Reforms in Tests- A) The class test is a separate head for passing in the particular semester as per the University of Mumbai Regulations. B) Faculty prepares three sets of question papers maintaining the cognitive levels for a given subject and one out of it is randomly selected for the test by the exam cell In-charge. c) The marking scheme and ideal solution is displayed on the notice board for the students. This reforms in test help to improve the student's performance by continuous evaluation

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250

words)

The academic calendar finalized by the Head of Departments, the dates for these internal tests are finalized at the beginning of the semester for the faculty to plan the course conduction. 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 i.e. in the Month of June, 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 its probable dates. 2. Academic calendar includes curricular, co-curricular and extra-curricular activities to be conducted by the institute. Curricular activities such as schedule of Test (I and II), internal practical oral exam, assignment, final term work submission schedule etc. are included. In addition to all these academic activities, cultural, co-curricular activities such as Sports, TPO activity, Reflexionz (Cultural festival), Detroit (Technical festival), TechnoVision (Engineers Day), Fresher's party, Founders Day etc are also included in the academic calendar. Institute adheres to conduct various internal examinations like term tests, oral-practical examination etc as per the academic calendar. 3. Practical /Oral Exam: practical oral exams are conducted as per academic calendar (slots for the oral / practical exam are provided in the University of Mumbai academic calendar) after the term end.

2.6 – Student Performance and Learning Outcomes

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

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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
321024510	BE	BE in Computer Engineering	113	111	98.23
321037210	BE	BE in Electronics and Telecommunication	92	80	86.96
321024610	BE	BE in Information Technology	78	73	93.59
321010210	MMS	Master of Management Studies	49	47	95.92
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2.7 – Student Satisfaction Survey

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

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	60	Samwick Enterprises	0.25	0.25
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Workshop on Cisco Packet Tracer-Hands-on	Department of Information Technology	15/03/2019
Seminar on Intellectual Property Rights	KC E-cell	13/03/2019
Seminar on Awareness session regarding Cyber Security	Department of Information Technology	25/02/2019
Alumni Talk on Top 5 trending Jobs in Cyber security how to get ONE	Department of Electronics and Telecommunication	06/02/2019
Alumni Talk on Career Guidance	Department of Information Technology	02/02/2019
Research Development Institute-Industry Partnership: PATH AHEAD	Research Development Committee	22/10/2018
Guest Lecture on Network Management and Security with IoT	Department of Electronics and Telecommunication	12/10/2018
Alumni Talk on Strong Profile Building	Department of Electronics and Telecommunication	29/09/2018
Seminar on Awareness of Cyber Security for usage of social media	Department of Computer Engineering	27/07/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Business Model	Aneet Singh	Atharva College of Engineering	14/03/2019	Technical
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	13	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Institute	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Computer Engineering	11	5.8
International	Department of Electronics and Telecommunication	12	4.6
International	Department of Information Technology	21	5.2
International	Department of Humanities and Applied Sciences	5	5.7

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

Department	Number of Publication
MMS	3
Electronics and Telecommunication	12
Computer Engineering	3

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						

No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	3	1	11
Presented papers	11	0	0	0
Resource persons	0	0	0	11

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
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No Data Entered/Not Applicable !!!

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Indian School of Management Entrepreneurship	06/02/2019	Encourage students towards entrepreneurship, invite students and faculties for bootcamp FDPs. / ISME Datavention Workshop	20
ECO-ROX	10/08/2018	Create awareness by scientific methods on waste management	114
Global Talent Track Pvt Ltd	07/12/2018	For skill enhancement through career clap, the technology platform other face to face initiative. / Training program	85
Sahu Technologies	07/12/2018	Industry Institute Collaboration for research Development. / Internship	68
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1562	1550.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Biyani Technologies	Fully	VB3	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18625	4088342	286	179537	18911	4267879
Reference Books	1922	941871	0	0	1922	941871
e-Books	700000	0	0	0	700000	0
Journals	48	126269	0	123402	48	249671
e-Journals	1670	189600	400	206470	2070	396070
Digital Database	12000	64900	0	65962	12000	130862
Library Automation	1	36750	0	35400	1	72150

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
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No Data Entered/Not Applicable !!!

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	403	16	125	1	1	0	4	125	0
Added	0	0	0	0	0	0	0	0	0
Total	403	16	125	1	1	0	4	125	0

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

110 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Open Broadcaster Software (OBS), BigBlueButton (BBB), Video lecture capturing facility	https://www.youtube.com/watch?v=fWECyi8vmL8&list=PLZSzAtoBtkwXHjZ4LJdCDSrYdOhLQSWzf
Google Classroom	https://classroom.google.com/u/0/c/MTE1NzOwOTk1OTBa/p/MTk1MDg1MTkwMjla/details
Moodle	http://www.learningatkc.com/moodle/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
119.5	110.51	187	167.76

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

To achieve excellence in providing quality education, all the Departments and various functioning units of the institute are provided with infrastructure facilities like placement office, head of the department cabins, faculty rooms, classrooms, girls common room, boys common room, laboratories, computer center, sports ground, canteen, etc. Students and faculty can avail of the facility of yoga training. To develop the skills, attitudes, understand the values that guide the students, and contributing to changes in values held collectively by communities and personally by individuals, 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 like furniture, equipment, computers, teaching aids, etc. It is made sure that the resources are optimally utilized by appointing annual contracts for power supply, lifts, water coolers, ACs, reprographic facilities, maintaining hygiene and cleanliness on the campus, etc. To maintain cleanliness and hygiene on the campus a full-time outsourced housekeeping team is available. To maintain the garden area a full-time gardener is available. To take care of the furniture and electrical fixture throughout the campus a full-time carpenter and electrician is appointed. Generators, power supply units, and power backups (UPS) are kept in an isolated area to prevent any damages due to unintended interference. During the power cuts, electrical supply is ensured on the campus by the operations of generators with a restoration time of 3 minutes. Also, voltage stabilizers are provided to the majority of electrical equipment to stabilize the voltage fluctuations. 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. An exclusive system administrator is functioning in the college to cater to the needs of day-to-day computer maintenance. However, minor software and hardware problems are being handled by the concerned lab assistant. A separate computer maintenance team is available which handles the departmental requirements. A teaching faculty from the information technology department is given charge of IT Coordinator. Under his guidance system administrator and lab assistants are working to take care of IT infrastructure. If the IT related equipment is not working properly then the concerned person should send the query/complaint by Email to

ithelpdesk@kccemsr.edu.in. All the departments take care of the regular maintenance of the laboratory equipment. Measure maintenance work is completed during non-academic period, however, regular maintenance work is carried out day to day basis. A teaching faculty is assigned the duty of lab in-charge who maintains dead stock entries with the help of lab assistants and gets those entries duly signed by the head of the department. Lab equipment is serviced by the concerned manufacturers and service Personnel or lab assistants of respective departments. Wherever necessary, the Annual Maintenance Contract (AMC) is also in practice. Safety precautions are listed for each machine and other equipment in the laboratories for safety purposes. Institute has set up industries attached to laboratories are E-Yantra and CISCO Networking Academy.

<https://kccemsr.edu.in/public/naac/sop.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institute Scholarship	28	152500
Financial Support from Other Sources			
a) National	Freeship provided by Govt of Maharashtra and Scholarship provided by Govt. of India	435	23618603
b) International	Nil	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
GATE	23/01/2019	81	KCCEMSR
Remedial coaching	15/10/2019	1139	KCCEMSR
Language lab	10/07/2018	200	KCCEMSR
Bridge courses	19/07/2019	248	KCCEMSR
Personal Counseling and Mentoring	10/07/2018	1112	KCCEMSR
Soft Skill	09/10/2018	191	GTT
Career Counseling	10/07/2018	621	KCCEMSR

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

Year	Name of the scheme	Number of benefited students for competitive	Number of benefited students by career	Number of students who have passed in the comp. exam	Number of students placed

		examination	counseling activities		
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Refer Excel Sheet Attached	1082	69			
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	MS, NORTHEASTERN UNIVERSITY, BOSTON	MS
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
CAT	1
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for	Number of awards for	Student ID number	Name of the student
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Sports

Cultural

No Data Entered/Not Applicable !!!

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

Student Council: The institute has a active Student's Council. The process starts with inviting applications from the students for the various posts of Council. Student Council selection is held and selected members form 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 consist of General Secretary, Joint Secretary, Sports Secretary, Marketing Head, Technical and Cultural Secretary, Literary Arts (Point and Tally), Literary Arts (ARTS), Treasurer. Technical event "DETROIX" are 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 Events. "REFLEXIONZ" is organized by Cultural Secretary and General Secretary. Various days 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 helps to nurture student in the direction of social, Technical and Extra Curricular activities. a. Youth Red Cross Society: The Youth Red Cross Society is a worldwide, well known, universally accepted, admired and internationally identified humanitarian service organization. b. Quality Assurance Committee : Quality Assurance Committee is association of student members and all class representative which give out their time on ensuring quality within college campus for example digitization of Journal ,maintenance of housekeeping and discipline in the campus. c. Internal Quality Assurance cell: Student member are actively involved in giving their ,ideas about the improvisation of content beyond syllabus overall feedback for maintaining the quality. d. National Service Scheme: Student actively participate in various social uplifting program e. Rotract club : Students of Rotract club work in the direction of creating a better world which will support neighbor, to share their ideas to join leader and take action to create lasting change • Representation of students on academic administrative bodies/committees of the institution a. Training and Placement: Student members help in organizing various session for higher studies awareness, they also helps in organizing various training and placement activities. b. Anti Ragging Committee: The committee of students is at hand in our Institute to ensure compliance with the provisions of the Regulations and also to monitor and oversee the performance of the Anti-Ragging committee. c. Student Professional society: Under the student chapters of ISTE and IEEE various technical activities are conducted by students under the guidance of faculty. d. Magazine Committee: Group of students are contributing in preparing college magazines . e. E Cell: Entrepreneur is need of hour .Team of our student are actively involved in various Project of E cell Activity.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the institution has registered Alumni Association (Registration Id: MAH/2131/2018/Thane). Alumni play a very important role in institution overall development. We are connected to alumni in various ways. They visit college, send messages on Facebook and groups to keep us updated about their status as well as about current trends in the market, they also mentor their juniors They

have reached a good position in their career and also try to help other students of the college to achieve success. Alumni are placed at higher positions in Industries like IBM, Infosys, TCS, Loreal, Wipro, Zycus, Eclinaical, Sutherland, Reliance JIO, Cap Gemini, etc. Few alumni are entrepreneurs and running their companies like YUPS Tech Solutions Private Limited, Four brothers Private Limited. Codebeta etc and few are contributing to 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, Fashion Industries, Blog writing, Acting, etc. Our Alumni are remarkably contributing to social work and also encouraging present students to do many appreciable activities. They have donated solar lamps to many villages, organized health camps, visited orphan homes, old age home. We are proud to share that our alumni are contributing to the welfare of underprivileged children like Adhar youth foundation, 'Divyang Kala Kendra'. Contribution of alumni in College : Institute has Alumni Association, they contribute through Financial and Non Financial means. Our alumni addressed about future scope in engineering, options available in engineering .delivered guest lecture to motivate students, seminars workshops. They have guided students on Industry trends, Cybersecurity, Networking Management, and security with IoT, the Importance of programming language, and coding standards. Alumni are participating with enthusiasm to share their ideas, encourage present students for doing their best to achieve success. The college has organized different activities by inviting alumni whose guidance can be beneficial for our students. Our alumni are actively involved in the teaching-learning process and skill development of students by advising some bridge courses to fill the gap between industry and academics.

5.4.2 – No. of enrolled Alumni:

206

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

156393.8

5.4.4 – Meetings/activities organized by Alumni Association :

One institute level Alumni meet was organized and approximately 9 alumni interactions took place.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

All the departments of the institute function under the direct supervision of the Principal. Day-to-day academic activities of the departments are taken care of by the Head of Departments. Examination related activities are handled by the Controller of examinations. Principal supervises the Administrative office, examination section, central library, and all the Under Graduate and Post Graduate departments will be functioning. Case study of ISO implementation: During the course of the NAAC preparation institute planned to go for ISO 9001:2015 certification. In this regard Management representative (MR), Co-MR and Deputy-MR were nominated by college management. The role of these members was to implement ISO in such a way that it forms the basis of any accreditation and streamlines the process and functioning of the institute as a whole in a decentralized manner. Internal training regarding this was conducted by internationally certified ISO auditor. The training included important stakeholders of the institute who were heads of their respective departments.

This training ensured that the participants are capable of complying with the ISO process in their respective departments and was nominated as ISO internal auditors. This formed the basis for internal auditing which is done regularly and helped the institute to be ISO compliant. Case study of IQAC team: The formation of the IQAC team was done as there was a need for a body that will ensure quality assurance. IQAC was given the first responsibility to overlook the accreditation activities of the college. IQAC members were selected from across departments to ensure seamless communication and working among various departments. This team includes the NAAC steering committee as well as has representation from industry, alumni, NGO. This helped to get feedback from all stakeholders ensuring transparency and clarity in decision making which improved the overall quality of the institute.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Human Resource Management	The institute has a human resource policy in place. The payroll is as per the norms. Faculties and non teaching staffs are given opportunity to undertake program for their knowledge and skill up-gradation. Financial support is provided for the same.
Admission of Students	The institute through its social outreach wing has taken many initiatives to connect to 11th and 12th standard students and guided them regarding career opportunities post 12th. The institute helps 12th students during facilitation center process approved by DTE(Directorate of technical education), Maharashtra state by conducting career awareness sessions and solving their queries.
Industry Interaction / Collaboration	Various reputed industry professionals have visited the institute to deliver seminars, guest lectures, workshops on advanced topics to bridge the gap between industry and academia. Institute has signed several MoUs with industry which focus on value added training and internships for students.
Library, ICT and Physical Infrastructure / Instrumentation	Library committee has got IIT Bombay membership through which students and faculty members can access resources of the library of IIT Bombay. IET (Institution of Engineering and Technology) digital library membership helps students and faculty to access high quality international journal and conference papers and e-books. The institute has access to

	IETE(Institution of Electronics and Telecommunication Engineers) journals through IETE membership.
Research and Development	RD committee has taken initiative to apply for funding to University of Mumbai through minor research project. To improve research culture in the organization, one day symposium on Research and development and Industry Institute Partnership program was conducted on 22nd October 2018.
Examination and Evaluation	PAC and DAC evaluate quality of question papers and ask the faculty members to make correction if needed. This ensured that the quality of question papers is maintained and assessments are useful in attainment the course outcomes of learners.
Teaching and Learning	Teaching departments have formed Departmental advisory board(DAB) program advisory committee(PAC), department advisory committee(DAC). DAB has internal and external faculty and industry members. PAC and DAC has internal faculty members. PAC and DAC verify and maintain academic standards in terms of quality of internal class test papers, activities like guest lectures, workshop etc. This is done by taking into account feedback from various stakeholders as well as DAB. Academic gap is also a criteria for planning events. Classification of bright and weak learners and activity to be conducted for them is also decided by PAC, DAC in consultation with department faculty members.
Curriculum Development	Although syllabus is affiliated to University of Mumbai, few staff members are involved in curricular development at university level and are conducting workshop, guest lectures to bridge the gap between curriculum and the requirement of the industry. Dr. Baban Rindhe, HoD and Professor of Electronics and Telecommunication department was part of syllabus revision committee for optical networks, an elective subject of semester

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

E-governance area	Details
Finance and Accounts	Tally software maintains all the credit and debit for financial transaction of the institute.

Examination	VIVA software which is in tune with the examination system of University of Mumbai.
Student Admission and Support	4. Library uses Biyani software to keep all kind of records like book issue/ return, stock. 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. The MIS systems used is effective and helps in a great way for prompt information.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP on Executive Presence	FDP on Executive Presence	03/05/2019	03/05/2019	45	8
2019	Internal Awareness Workshop on NAAC	Internal Awareness Workshop on NAAC	20/03/2019	20/03/2019	56	22
2019	TEDX	TEDX	16/02/2019	16/02/2019	16	4
2018	One day Symposium on Research Development		22/10/2018	22/10/2018	5	0

	Institute - Industry Partnership : Path Ahead					
2018	Institute of Engineering Technology (IET) E-Journals		11/08/2018	11/08/2018	44	0
2018	One day Workshop on Innovative Teaching learning Method		21/07/2018	21/07/2018	15	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
45	23	29	17

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Appreciation on teacher's day • Health checkups camps are organized in the campus • Permission to attend seminars, workshops and conferences at State, National and International levels and provision is made for the reimbursement of the registration fee and travelling allowances • OD (on Official Duty) to attend development programs • Flexible timing and/ or partial load for Higher Education 	<ul style="list-style-type: none"> • Health checkups camps are organized in the campus • External Library facilities are made available • Administrative training 	<ul style="list-style-type: none"> • External Library facilities are made available • Book bank facility • Partial payment of fees • Institute level scholarship • Travel assistance to students for competition

• External Library facilities are made available

6.4 – Financial Management and Resource Mobilization

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

The institute has a well-established mechanism for conducting internal and external audits. The audit is conducted every quarter by an Internal Auditor M/s. S Ravichandran Associates, Mulund. 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 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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

84379705

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Local Inspection Committee	Yes	IQAC
Administrative	Yes	ISO 9001:2015: S A Certification	Yes	Internal ISO Auditor

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

Parent Teacher Meetings are held regularly in semester for updating the parents on the progression of their ward. During these meetings feedback on syllabus and facilities is taken.

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

? FDP on Executive Presence ? Internal Awareness Workshop on NAAC ? Training for Technical Non-Teaching Staff on Soft Skill ? Workshop on Virtual Eye on Network

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

? NBA Accreditation ? Revision of Mentorship Process ? Various value added and skill development courses under Ministry of Micro, Small and Medium Enterprises (MSME)

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Women's Day	08/03/2019	08/03/2019	28	7
Savitri Bhai Phule Jayanti	03/01/2019	03/01/2019	24	5
Self Defence Program	03/10/2018	03/10/2018	9	16
Raksha Bhandan Celebration	18/08/2018	18/08/2018	29	10

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

Percentage of power requirement of the University met by the renewable energy sources
80 KW

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages	Number of initiatives taken to engage with and	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	and disadvantages	contribute to local community					
2018	1	1	27/07/2018	1	Artistic-Drawing Competition for School Students	Build social relation	150
2018	1	1	01/07/2018	1	Drop of Hope-Blood Donation Camp	Social work	146
2019	1	1	04/03/2019	1	White Revolution	Creating awareness to use milk for the under privilege	10
2019	1	1	10/02/2019	14	Sanskriti	Mother Language Day celebration	10
2018	1	1	24/12/2018	1	Secret Santa	To bring a smile to the under privilege children	10
2018	1	1	13/10/2018	1	Next Think Tank	To inspire the audience with research or success stories	493
2018	1	1	22/09/2018	1	Swagat (Inter District Youth Exchange)	To cut across cultural barriers	10
2018	1	1	01/09/2018	10	Goonj-Suicide Prevention Day	Awareness	493
2018	1	1	20/08/2018	7	Kerala Donation Drive	Helping hand to the society	25

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Title	Date of publication	Follow up(max 100 words)
HR Handbook	01/07/2018	The HR handbook underlines the code of conduct for management, principal, vice principal, Heads of departments teaching and non-teaching staff.
Student Handbook	01/07/2018	The handbook is available on the website for reference of the students. It clearly states the rules and regulations, disciplinary code, admission process and other details to academics.
Standard Operating Procedures	01/07/2018	The overall SOPs are defined and detailed out in process is laid down in the handbook. Each section has its copy of process available and according process is carried out. Required revisions of the same are done as and when required.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The compost pit is already installed in the institute which is regularly maintained by ECO Club under the supervision of environmental consultant Mrs. Rashmi Joshi. Solar Panel, a renewable source of energy is regularly maintained by ECO Club. Various departments of the institute are using different software to minimize paper waste. Apart from these, the following initiatives have taken by the institute to make the campus eco-friendly. Sr. No. Title Date

1 E-Waste Collection Drive 18.05.2019
2 Paper Waste Collection Drive 24.04.2019
3 No Vehicles Day 28.02.2019
4 Cleanliness Awareness Program 29.01.2019
5 Green Audit 03.01.2019 to 04.01.2019
6 Green Campus Award 2018-2019
7 LED Bulbs Tubes Installation 2018-2019

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice: Mission Green Objectives of the Practice

- To inculcate environmental values and consciousness amongst students, staff, and society around through various innovative methods.
- To ensure the protection of the environment through green energy initiatives and effective waste management measures.

The Practice The institute takes numerous Green Practices for developing environmental awareness and for carrying ahead eco-friendly

programs. Some of the highlights of the Green Practices program in 2018-19 are as follows: Green Campus Award: The institute won the "Green Campus Award" by Senergy for exemplary and continuous efforts for initiating environment-friendly practices. E-Waste Collection Drive: The institute has organized E-Waste Collection Drive with the collaboration of E-Incarnation Recycling Private Limited to process, recycle, and destroy e-waste in an environmentally sustainable manner on 18 May 2019. The institute has given 1450.5 Kg of E-Waste to the recycling unit. Solid Waste Management: The institute has initiated the practice of solid waste management with the tag line of "EXCEL THE GREENER WAY" by waste paper collection drives on regular bases. In order to this, 3915.3 Kg waste paper was collected and given to Naeem Paper Metal, Thane (W) for recycling purposes. No Vehicles Day Celebration: The institute promotes minimum use of private transport to save the environment. No Vehicles Day celebration is a regular practice of institute to inculcate environmental consciousness among students and staff members. Cleanliness Awareness Program: The institute has joined their hands with Thane Municipal Corporation, Thane to spread awareness about cleanliness under "Swachh Bharat Abhiyaan". Green Audit: As a part of Green Practices, Green Audit was conducted by Quality Certification Services. Under Green Audit following parameters were monitored- • Ambient Air Quality • Water Foot Print • Total Electricity Consumption • LPG, Petrol and Diesel Consumption • It was audited that 70 of the institute is planted with various varieties of medicinal and ornamental trees. • It was appreciated by auditors that institute has taken various measures for electricity conservation like a replacement of conventional fluorescent tube lights with LED tube lights, CFL bulbs with LED bulbs. Evidence of Success • The institute won the "Green Campus Award" from Senergy in January 2019. • The E-Waste Collection Drive was organized with the collaboration of E-Incarnation Recycling Private Limited on 18 May 2019. There was a collection of 1450.5 Kg of e-waste from different departments of the institute. • Waste Paper Collection Drive conducted on 24 April 2019. • No Vehicles Day was celebrated on 28 February 2019. • The institute organized the "Cleanliness Awareness Program" with the collaboration of Thane Municipal Corporation, Thane on 29 January 2019. • The "Green Audit" was conducted by Quality Certification Services on 03 January 2019 to 04 January 2019. • Various measures have been taken by the institute for energy conservation like a replacement of conventional fluorescent tube lights with LED tube lights, CFL bulbs with LED bulbs in 2018-19. • The institute has enrolled on the green army initiative of Maharashtra government. <http://greenarmy.mahaforest.gov.in/index.php?optionorgreportlangMar>. • Plastic collection drive was organized on 11 June to 15 June 2018. • E-waste Collection drive - There was a collection of 400 kg of e-waste from different departments of the institute on the occasion of World Environment Day. • Celebrations at Pimpri with a plantation drive on the World Environment Day, 5 June 2018 plantation of 100 saplings of different kinds of flora in the village. • Organization of a seminar on "Domestic Waste Management and Terrace Gardening of vegetables" on 16 March 2018 by Eco club. • Installation of Solar Panel System on 9 March 2018. • Organization of Cleanliness and Plantation drive at Pimpri village on 8 March 2018. • Waste paper collection drive was conducted on 01 March 2018. • Inauguration of Composting Pit in the institute premises on 28 December 2017. The institute has initiated the practice of "Waste Management" with the tag line "EXCEL THE GREENER WAY". • Green and Clean KC activity on 18 November 2017. • Campaign on Global Warming on 22 February 2017. • Swachh Bharat Abhiyan on 10 November 2016. • Initiative to give smart look to the garden of KCCEMSR - Beauty in Creativity on 18 October 2014. Title of the practice: E-Cell and Ideation Innovation Automation and Research Lab (IIARL) Objectives of the practice: • To help the students to develop business ideas who are eager to become entrepreneurs but are not sure how to go about it. • To help both budding and would-be entrepreneurs with refining ideas and providing practical guidance. • To undertake research activities, training entrepreneurs,

identifying opportunities, and pursuing them. • To establish global leadership in all fields and develop competent human resources for providing services to society. The practice: KCCEMSR took an initiative to set up an Entrepreneurship Cell (E-Cell) for its students with a view to motivate budding entrepreneurs to establish their own startups. The prime motive being that the students need to hone their skills to be able to sustain in the existing competitive environment and become self-employable in the first case. For the same E-Cell conducts various activities like Ked Talks, Seminars, Workshops, etc. for enhancing the skills of the students. The E-Cell is aiming at starting a full incubation center by the first half of 2019. The institute has set up a space for an incubation center under the name of IIARL, which is being tried to engender under the Atal Innovation Mission, the incubation center will provide the startups with necessary guidance, tech-support, infrastructure, access to investors, networking and facilitating a host of other resources that may be required for the startup to survive and scale. There are some startups lined up to be incubated under IIARL. Students have gained confidence and have started working for small firms/ companies and are getting paid, thereby have grown in confidence that they can do something on their own. The E-Cell has successfully nurtured some good entrepreneurs who are doing excellent work in their startups. Students have improved their skills by doing things practically and learning how to reverse engineer any system/ devices. E-Cell team also won the second prize in the National Entrepreneurship Challenge held by IITB in 2018.

The E-Cell has received a funding of 20000/- from the Entrepreneurship Development Institute of India (EDII) regarding the conduction of activities/programs of Entrepreneurship Awareness Camp (EAC) under National Sciences Technology Entrepreneurship Development Board (NSTEDB). Now we are applying for Faculty Development Program through Entrepreneurship Development Institute of India (EDII) under the National Sciences Technology Entrepreneurship Development Board (NSTEDB). E-Cell students won the first prize at the Innovation Mela held at Atharva College of Engineering, Malad (W) in March 2019. The IIARL has successfully incubated a business, "Hie Cabs", a start-up by a student of second-year Computer Engineering. There are a few more start-ups lined up to be incubated in the near future. E-cell has successfully mentored its student members in setting up their own start-ups, like Redcliff Automation (Omkar Sharma), Trekk Community (Jayesh Behra), Apdid Solutions (Darshan Komu), Shahi Dynatech (Kirti Shahi). LL44 (Bhavya Shukla), Hie Cabs (Nandlal Chaudhary), Maverick (Anup Singh).

5. Evidence of Success: Evidence of Success (2018-19):

Sr. No.	Work Company/Funding Agency	Funded Amount
1	Panic Button I4Things	13000/-
2	Safety Bangle MAVIM	12000/-
3	Light-based switch JGroup Robotics Components	25000/-
4	Touch Switch I4things	25000/-

Sr. No. Project E-Cell Funding Agency Amount Funded

Sr. No.	Project	E-Cell (Ongoing) KCCEMSR	Amount Funded
1	E-Cell Automation	Version 2 E-Cell (Ongoing) KCCEMSR	3000/-
2	RFID-based Attendance logging system	E-Cell (Ongoing) KCCEMSR	4000/-
3	Internal Routing System (Android Based)	E-Cell (Ongoing) KCCEMSR	2500/-
4	Wi-Fi Speakers	E-Cell (Ongoing) KCCEMSR	850/-
5	Inbuilt VPN based Router (Networking Python)	E-Cell (Ongoing) KCCEMSR	2500/-
6	Mood Lighting	E-Cell (Ongoing) KCCEMSR	850/-

Sr. No. Work Company/Funding Agency Funded Amount

Sr. No.	Work Company/Funding Agency	Funded Amount
1	Repairing PCR machine, Microbiology Dept. Lokmanya Tilak Municipal Medical College and General Hospital, Sion, Mumbai	12000/-
2	Website Development Associate Consultants, Thane	12000/-
3	Datalogger for Remote Monitoring of Solar Power Generation (Website) Seven Green Solar Systems Pvt. Ltd., Bandra(E), Mumbai	40000/-
4	Website Development of Quickhomeo PQRS Homoeopathy Health Care Services LLP, Kandivali (E), Mumbai	50000/-
5	Development of Inquisitive Mag Android App Inquisitive Mag --	500/-
6	Interval Timer/ Alarm Systems LYM Technologies	500/-
7	Microbiology App Lokmanya Tilak Municipal Medical College and General Hospital, Sion, Mumbai (ongoing)	25000/-
8	Smart Stall Samwick/Effena solutions	25000/-

Sr. No. Project E-Cell Funding Agency Amount Funded

Sr. No.	Project	E-Cell (Ongoing) KCCEMSR	Amount Funded
1	IOT Based Smart Living National Entrepreneurship Challenge (NEC), Aakar IIT Bombay	KCCEMSR	2580/-
2	Touch Switch	E-Cell KCCEMSR	2580/-
3	Smoke	E-Cell KCCEMSR	2580/-

Detector E-Cell KCCEMSR 2029/- 5 PIR Sensor E-Cell KCCEMSR 6230/- 6 Attendance Log System E-Cell KCCEMSR ----- 7 Farming Automation E- Cell KCCEMSR ----- 8 E -Cell Automation E- Cell KCCEMSR ----- 9 EM Door Lock E-Cell KCCEMSR 5611/- 10 Voice Control E-Cell KCCEMSR --- 11 Mood Light E-Cell KCCEMSR --- 12 Electromagnetic Rail gun E-Cell (Ongoing) KCCEMSR 700/- 13 3D Printer E-Cell (Ongoing) KCCEMSR 6390/- 14 Sample Tracking System E-Cell (Ongoing) KCCEMSR --- 15 Sai Baba Charitable Trust Website E-Cell (Ongoing) KCCEMSR --- 16 SWAD (Safe Water Delivery) App E-Cell (Ongoing) KCCEMSR --- 17 Continuous Research Equipment. E-Cell Setup KCCEMSR

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

<https://kccemsr.edu.in/public/naac/best-practices.pdf>

7.3 – Institutional Distinctiveness

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

Project E-Gaon "Retaining the sanctity of the village whilst instilling technology" INTRODUCTION: Sansad Adarsh Gram Yojana (Hindi: ??????????????????????,abbr.: SAGY) 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 the SAGY are: 1. To trigger processes which lead to the 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 3. To generate models of local level development and effective local governance which can motivate and inspire neighboring Gram Panchayats to learn and adapt 4. To nurture the identified Adarsh Grams as schools of local development to train other Gram Panchayats. INITIATIVES TAKEN: (2018-19) NSS Residential Camp NSS unit of KCCEMSR had organized a seven days residential camp at Pimpri, district Dahisar from 1st January to 7th January 2019. The mornings of each day of the camp started with Prayer and Yoga followed by various activities. On the first day of the camp, the Swachata Abhiyan campaign was organized wherein a rally on Swachh Bharat was conducted. A personality development session was also conducted on the same day. On the second day of the camp street play on Road Safety awareness along with a rally on road safety measures was organized. Later in the day, a group discussion session was held. For the next three days, various seminars were held for the teachers as well as the students of the school namely "Career Guidance Seminar", "Time Management Seminar" and "Voting for the Betterment". In the last two days of the camp, various sports and cultural events were planned for the students of Pimpri school. A craft and drawing session was also taken for the students of lower standards. Last but not the least, the wall painting sessions organized for the students received an overwhelming response. Street Play on Depression The Rotaract club of KCCEMSR conducted a street play about depression on the occasion of international women's day- 8th March 2019. On the same day, a technical workshop on Computer Assembling was also conducted by the E Cell of the institute. Compost Pit The college has taken the initiative of establishing a compost pit at the Pimpri village. The gram panchayat of Pimpri village is in discussions with the BMC for the same. The technical support will be provided by BMC along with the CSR funding. INITIATIVES TAKEN: (2017-18) • Improving Sanitation • Donation Drives • Health Camp • Tree Plantation Drives

Provide the weblink of the institution

<https://kccemsr.edu.in/public/naac/institutional-distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

The institute has the strategized for the implementation of the following in the next academic year: 1. Project-based learning methodology. 2. Improvement in the quality of research publications by faculties. 3. Updation in the mentor-mentee meeting strategy and format. 4. Enhancing the life skills and personality development of the students. 5. Specific technical training for the students for placement. 6. Human value cell set-up in the institute and training of few faculties for the same. 7. NBA accreditation for at least one department. 8. Applying for various government funding for the existing incubation center (IIARL). 9. Conduction of various value-added courses in coordination with MSME. 10. Applying for the Minor Research Grant Proposal Scheme of Mumbai University.