



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	KHANDESH COLLEGE EDUCATION SOCIETY'S COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY, JALGAON, MAHARASHTRA
Name of the head of the Institution	Dr. Kantilal P. Rane
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02572242026
Mobile no.	9371031963
Registered Email	coeit.inquiry@gmail.com
Alternate Email	kcecoeit.iqac@gmail.com
Address	CoEM Campus, C. S. No. 7480/7323, NH. No 6, Behind DIC office, Jalgaon
City/Town	Jalgaon
State/UT	Maharashtra

Pincode	425001																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. Pradnya Ashish Vikhar																		
Phone no/Alternate Phone no.	02572242026																		
Mobile no.	9881930607																		
Registered Email	kcecoeit.iqac@gmail.com																		
Alternate Email	pradnyav123@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://coem.kces.in/Naac/aqar																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://coem.kces.in/Department/department_academic																		
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>2.53</td> <td>2016</td> <td>25-May-2016</td> <td>24-May-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.53	2016	25-May-2016	24-May-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.53	2016	25-May-2016	24-May-2021														
6. Date of Establishment of IQAC	03-Nov-2014																		
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																

Feedbacks from all stakeholders are compiled, analysed and action plan is proposed by the respective departments.	30-Jun-2020 1	1200
External academic audit	09-Nov-2019 1	1200
Internal Academic Audit of all departments	08-May-2020 2	1200
Internal Academic Audit of all departments	04-Oct-2019 2	1200
Administrative Audit	22-Sep-2020 1	1200
Timely submission of AISHE	07-Jan-2020 1	1200
Regular IQAC meetings	30-Jan-2020 1	11
Regular IQAC meetings	14-Aug-2019 1	11
Application to NIRF	26-Nov-2019 1	1200
Timely submission of AQAR	14-Mar-2020 1	1200
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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
Faculty	AICTE Sponsored FDP	AICTE	2019 365	479000
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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 :

2

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)

Application to NIRF on 26.11.2019
Arranged student centric activities like career guidance, seminars, industrial lectures, and value added courses etc.
Local Guardian Diary is prepared and implemented.
Conducted department level internal academic audit on 04.10.2019 to 05.10.2019 and 08.05.2020 to 09.05.2020, external academic audit on 09.11.2019.
Strengthening of faculty members by encouraging them for participation/ organization in/of STTPs/ FDPs/ Conferences/ research publications and submission of research projects.

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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
Conduct at least two IQAC meetings during the academic year.	Two IQAC meeting conducted on 14.08.2019 and 30.01.2020, 11 members attended the meeting.
Conduct department level internal academic audit at the end of every semester.	Conducted department level internal academic audit during- 1. 04.10.2019 to 05.10.2019, 2. 08.05.2020 to 09.05.2020
Conduct external academic audit as per affiliating university schedule.	External academic audit conducted on 09.11.2019 by guidelines of DBATU, Lonere
Submission of AISHE data and NIRF application within stipulated time period.	AISHE data submitted on 07.01.2020 and NIRF application submitted on 26.11.2019
Conduct FDP/ Workshops / Seminars etc in association with IIT, Bombay (minimum three during the academic year)	Organized four programs for faculty - 1. Coordinator's workshop on Linux arranged on 03.08.2019. No of participants - 1, 2. Workshop on Linux arranged on 23.08.2019. No of participants- 15, 3. Workshop on 'R Programming' arranged on 09.11.2019. No of participants- 15, 4. Workshop on 'Arduino' arranged on 08.02.2020. No of participants- 9.
Conduct two week AICTE sponsored FDP on	Conducted two week AICTE sponsored FDP

'Advances in Power Convertors, Control of Renewable Energy Sources' during Nov/Dec 2019	on 'Advances in Power Convertors, Control of Renewable Energy Sources' during 22.11.2019 to 05.12.2019. No of participants- 45.
Conduct induction program for newly admitted students at the beginning of academic year.	Organized "Induction Program" for First Year Engineering Students (01.08.2019 to 10.08.2019) includes various activities - 1. Ant ragging awareness program (Add date and no of participants), 2. Curriculum awareness program , 3. Team building and memory games , 4. Outdoor games , 5. NPTEL awareness program , 6. Soft skill and personality development program , 7. Expert lectures by eminent personality of society/industry, 8. Yoga and meditation (every day morning session).
Collect timely feedback from all stakeholders	Collected feedback from all stakeholders for academic year 2019-20 for improvement in teaching and Learning. 1. Student feedback collected at end of every semester on 7th-8th Nov 2019 and 13th-14th May 2020, 2. Parent feedback collected at time of Parent meet by individual department, 3. Alumni feedback collected at time of Alumni Meet on 07.03.2020, 4. Faculty feedback collected at end of academic year. The analysis of all feedbacks and action plan for next academic year was completed on 30.06.2020.
Organize 2 - 3 seminars on Intellectual property rights (IPR) during the academic year.	Organised three seminars on Intellectual property rights (IPR) by different departments- 1. 'Do's and Don'ts for Patents Filing' by MBA department on 27.07.2019, no of participants: 41, 2. 'Awareness on Intellectual Property Rights' by Computer department on 19.10.2019. No of participants: 42, 3. 'Patent Filling Process' by Electrical department on 08.02.2020. No of participants: 37.
Strengthen industry linkages.	Nine new MoUs were signed for industry internships and collaborations in addition to existing 21 MoUs.
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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	23-Feb-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	31-Dec-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)	College has its own ERP/ Management Information system (MIS) through which various organisational activities are conducted. MIS is used by administrative office to conduct following activities : • Student registration • Get student information • Generate branch wise student report • Leaving and bonafide certificate • Employees information

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

Development of action plan for effective implementation of curriculum: 1. Academic Dean of the institution systematically develop action plan for effective implementation of the curriculum considering the academic calendar of Dr. Babasaheb Technological University, Lonere and KBC North Maharashtra University, Jalgaon. Faculty is encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, guest lecturers and seminars. 2. Along with the university curriculum, various activities are meticulously planned with the discussion of Principal and director throughout the semester to achieve the overall development of students. Deployment of action plan for effective implementation of curriculum, Teaching Learning Process: The overall teaching and learning process in all departments is outlined as follows- 1. Academic calendar is prepared well before the commencement of every semester of academic year by Academic Dean. This calendar consists of plan of conducting commencement of classes, sessional exams, submissions, holidays etc. 2. HOD allots academic workload in consultation with the Faculty, Academic Dean and Principal. Inter-departmental faculties are allocated as per requirement of curriculum. 3. Class timetables are prepared and displayed before commencement of semester. Personal time table of individual faculty timetables, class timetables and laboratory timetables are also prepared. 4. Every faculty prepares the course file, teaching plan and gets it approved from HOD before the commencement of the semester. 5. Attendance of the students during Theory (TH) and Practical (PR) sessions is

recorded by respective subject faculty members. 6. Teaching and learning is carried out by all faculties with the help of chalk and board and other teaching aids. All HODs make sure about conduction of every class and practical sessions of the department as per scheduled timetable. 7. Department academic progress is reviewed by HOD, Academic Dean and Principal time to time. 8. Learning beyond syllabus is achieved by arranging various seminars. The industry persons and experts are invited in all the departments to give awareness of new technologies in order to reduce curriculum gap. 9. Conduction/ participation of STTP/ FDP are encouraged to get awareness of recent trends and inculcate skills among the students that are needed to make them compatible to the corporate world.

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
Nil	Nil	Nil	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Second year Electronics Manufacturing Services	01/07/2019
BVoc	Second year Industrial Tool Manufacturing	01/07/2019
BVoc	Second year Software Development	01/07/2019
BTech	Third year Mechanical Engineering	01/07/2019
BTech	Third year Electronics and Tele-communication Engineering	01/07/2019
BTech	Third year Electrical Engineering	01/07/2019
BTech	Third year Computer Engineering	01/07/2019
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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
BTech	Second year Computer Engineering	01/07/2019
BTech	Second year Electrical Engineering	01/07/2019
BTech	Second year Mechanical Engineering	01/07/2019
BTech	Third year Computer Engineering	01/07/2019
BTech	Third year Electrical	01/07/2019

	Engineering	
BTech	Third year Electronics and Tele-communication Engineering	01/07/2019
BTech	Third year Mechanical Engineering	01/07/2019
BE	B.E Computer Engineering	01/07/2019
BE	B.E Electrical Engineering	01/07/2019
BE	B.E Electronics and Tele-communication Engineering	01/07/2019
BE	B.E Mechanical Engineering	01/07/2019
Mtech	EPS- Electrical Engineering	01/07/2019
MBA	Second Year Master of Business Administration	01/07/2019
BVoc	Second year Software Development	01/07/2019
BVoc	Second year Industrial Tool Manufacturing	01/07/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
Report writing using Latex	22/07/2019	48
Aptitude training and career advancement	01/07/2019	70
Personality development	20/07/2019	48
Communication and Soft skills	08/07/2019	67
Soft skills and personality development	15/07/2019	35
Entrepreneurship development and business skills	06/01/2020	43
Renewable Energy	14/01/2020	8
Digital Marketing	05/08/2019	28
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Computer Engineering	178
BTech	Electrical Engineering	121
BTech	Electronics and Tele-communication	89
BTech	Mechanical Engineering	123
MBA	MBA	144
BVoc	Software Development	33
BVoc	Industrial Tool Manufacturing	7
BVoc	Electronics Manufacturing Services	18
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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>Institute designed own format to collect feedback from all stakeholders. Feedback is collected on five point scale from 1 to 5 with level 1 as not satisfactory and level 5 as excellent. 1. Students' Feedback: Institute conducts students' feedback in structures format. The questionnaire prepared obtains feedback from students on three major sets of parameters including teaching learning process, facilities and infrastructure of the department. Feedback is taken at the end of every semester. The Head of the department critically analyzes the feedback of every faculty member and department facilities. The feedback analysed is discussed with the Principal in the presence of Head of the department and concerned faculty. Such discussions help to evolve necessary corrective measures that can help the faculty to improve their performance. 2. Teacher Feedback: Teachers feedback on curriculum, facilities available at institute is taken using structured format. The feedback is conducted at end of academic year. The Head of the department critically analyzes feedback of every faculty member and it is used to identify the curriculum gap in syllabus. This feedback is further used to plan and organise various seminars/ industrial lectures, value added courses which helps to reduce the curricular gap. 3. Alumni Feedback: The alumni feedback is taken during their visit to the institution at annual alumni meet. The analysis of the alumni feedback helps to reduce curriculum gap by identification or/and organization of bridge, value added, career guidance programmes 4. Employer feedback: Employer feedback is taken either during the campus placement drives or employers visit to the institutes all-round the year. Employers give feedback on the curriculum and also on their overall impression of the institute and its students. The analysis of this feedback helps institute in</p>

organization of various skill development training programmes. It also helps in determining overall employability of students at various levels. 5. Parent Feedback: Parents give their feedback during their visit to institute/ at Parents Meet. Parents Feedback is based on the teaching learning process and facilities available in the institute. Feedback helps institute in reorienting the academic and administrative activities, organization of skill development, career counselling seminars for overall development of student.

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
MBA	MBA	120	120	120
Mtech	Electrical Power System	18	12	12
BTech	Electrical Engineering	60	18	18
BTech	Electronics and Telecommunication Engineering	30	7	7
BTech	Mechanical Engineering	60	19	19
BTech	Computer Engineering	60	51	51

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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
2019	795	207	52	17	2

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
71	63	12	6	1	12

[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)

Mentor is assigned for group of 10 to 20 students depending on availability of faculty members. Mentors are

provided access to the profile of the students including their contact details. This enables bridging gap between the teachers and students. It helps to create a better environment in the institute, where students can approach teachers for both educational and personal guidance. Each mentor conducts few meetings with respective students. Motivate students to attend activities like internship and technical symposium in inter-intra College. Mentors provide encouragement, motivation and counselling support. Mentors help greatly in identifying diversity in terms of learning challenges as well. They provide firsthand support to the students with difficulties and give relevant inputs to subject teachers which help the subject teachers be more effective in handling these students. The institute has maintained Mentors' Diary (Local Guardian Diary) from this academic year for first year students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1002	71	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
71	56	15	15	6

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Kantilal P Rane	Principal	Recognition of PHD guide
2019	Dr. Veena Bhol-sale	Assistant Professor	Recognition of PHD guide
2019	Dr. Kantilal P Rane	Principal	Chairman (Vocation)
2019	Dr. Kantilal P Rane	Principal	Member of BOS (ETC)
2019	Dr. Veena Bhol-sale	Assistant Professor	Member of BOS (Commerce Management)

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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
BE	12	VIII	19/10/2020	19/11/2020
BE	12	VII	19/12/2019	04/02/2020
BTech	11612	I,III,V	24/12/2019	03/02/2020
BE	18	VIII	19/10/2020	19/11/2020
BE	18	VII	19/12/2019	04/02/2020

BTech	11372	I,III,V	23/12/2019	03/02/2020
BTech	11293	I,III,V	23/12/2019	03/02/2020
BE	16	VII	19/12/2019	04/02/2020
BE	16	VIII	19/10/2020	19/11/2020
BTech	11245	I,III,V	23/12/2019	03/02/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Response: Babasaheb Ambedkar Technological University, Lonere has introduced following reforms in Continuous Internal Evaluation process which has strengthened teaching learning process. Institute closely follows all the reforms introduced by BATU Evaluation pattern is updated by the University along with modification in the curriculum. 2017-18 Marking Scheme: University has changed the pattern of assessment. End Semester Exam (ESE) has 60 marks for each theory subject. Continuous Assessment (CA) has 20 marks for each theory subject. Mid-Semester Exam (MSE) has 20 marks for each theory subject. University also conduct Remedial exam. Reforms by Institute: Institute has changed the format of CA from 2019-20. The institute had assigned 10 marks for Class Test and 10 marks for Assignments Institute has changed the format of seminar, mini project evaluation. Institute has taken MCQ based Class Test and MSE.

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

Response: Adherence as Academic Calendar of University: University prepares the academic calendar before commencement of academic year. Semester starts and ends as per the university guidelines and university academic calendar. Adherence as Academic Calendar of Institute: Institute prepares academic calendar well in advance before the commencement of academic year. Institute prepares its academic calendar by considering the schedule given by university. Internal Sessional Examination and other academic activities are scheduled at the start of semester. If any student fails to appear for any of the ISE then retest is permitted which is also scheduled in the academic calendar. Academic calendar includes date of co-curricular and extracurricular activities Winter vacations and summer vacations are as per the University guidelines.

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://coem.kces.in/Naac/agar_links

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
MBA	MBA	MBA	59	56	94.91
17	BE	Computer Engineering	50	49	98
12	BE	Mechanical Engineering	45	45	100

18	BE	Electronics and Telecommunication Engineering	46	46	100
16	BE	Electrical Engineering	78	77	98.71
12292	Mtech	Electrical Power System	16	13	81.25
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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://coem.kces.in/Naac/agar_links

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	365	Skyking Solar	10500	10500
Industry sponsored Projects	365	Vishwas Engi. and Servies	24300	24300
Industry sponsored Projects	365	IT Digi Solutions	15200	15200
Industry sponsored Projects	365	BM Electronics	10500	10500
Projects sponsored by the University	365	Institute	12500	12500
Projects sponsored by the University	365	Institute	16620	16620
Projects sponsored by the University	365	Institute	8000	8000
Projects sponsored by the University	365	Institute	16300	16300
Projects sponsored by the University	365	Institute	11500	11500
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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
Seminar on Patent Filing Process	Electrical Department	08/02/2020
Course coordinator workshop on linux	Computer Engineering in Association with IIT Bombay	03/08/2019
Workshop on Linux	Computer Engineering in Association with IIT Bombay	23/08/2019
Workshop on R Programming	Computer Engineering in Association with IIT Bombay	09/11/2019
Two week FDP on Advances in Power Convertors, Control of Renewable Energy Sources	Electrical Engineering in Association with AICTE	22/11/2019
Workshop on Arduino	Electronics and telecommunication	08/02/2020
Workshop on Python Programming	Computer Department	13/01/2020
Seminar on Cyber Security	Computer Department	24/02/2020
Seminar on Awareness on Intellectual Property Rights	Computer Department	19/10/2020
Seminar on Industrial Automation and Its Benefits	Electronics and telecommunication	13/08/2019
Expert lecture on Avoiding mistakes in building resumes	Electronics and telecommunication	24/02/2020
Carrier guidance seminar on Career opportunities' for Electronics and tele-communication Engineers	Electronics and telecommunication	30/05/2020
Seminar on Entrepreneurship Development Skills	Master of Business Administration	12/09/2019
Workshop on Hands on MS Excel	Master of Business Administration	06/11/2019
Seminar on Personality Development	Master of Business Administration	17/09/2019
Seminar on Do's and Don'ts for Patents Filing	Master of Business Administration	27/07/2019
Workshop on Hands on MATLAB	Electrical Department	28/09/2019
Seminar on Hands on Basic	Electrical Department	01/06/2020

Electrical Electronics		
Expert Lecture on Entrepreneurship Development	Mechanical Department	16/09/2019
Expert Lecture on CATIA	Mechanical Department	11/09/2019
Competitive Examination Guidance	Mechanical Department	18/10/2019
Online Expert lecturer on Opportunities in Refrigeration and Air-Conditioning	Mechanical Department	18/06/2020

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
Best Project Award	Rasika Shedake, Chetan Patil	Robothlon20 KCES COEIT, Jalgaon	10/01/2020	Students
Best Paper	Milestone Technical Event	SSBT, Bambhori Jalgaon	07/03/2020	Students
Seed IT Idol	Tejal Wandole	Seed IT	05/03/2020	Students
Awishkar 19	Mrs. Priyanshi Borase	KBCNMU, Jagaon	30/12/2019	Students and Guide
First Prize in Jal Shakti Abhiyan	KCES COEIT, Jalgaon	AICTE	03/12/2019	Institute
Best Project Award	Dhanshri Chaudhari, Yogita Bhoi	Robothlon20 KCES COEIT, Jalgaon	19/01/2020	Students and Guide
Best Project Award	Minal Bhole, Gitesh Kolte	Robothlon20 KCES COEIT, Jalgaon	19/01/2020	Students and Guide
Best Project Award	Mayur Patil, Rahul Patil	Robothlon20 KCES COEIT, Jalgaon	19/01/2020	Students and Guide
Best Paper Award	Yuvraj Chaudhari, Shradha Patil	Conferences 19	10/04/2019	Students and Guide
Best Paper Award	Dhiraj Patil	Conferences 19	10/04/2019	Students and Guide

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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
0	Nil	Nil	Nil	Nil	Nil

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	7

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

Name of the Department	Number of PhD's Awarded
Basic Science Department	1
Master of Business Administration	1

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	Computer	12	6.26
International	Mechanical	8	6.26
International	Electrical	1	5.07
International	MBA	2	6.3
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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
Mechanical	2
Electrical	1
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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
Nil	Nil	Nil	Nil	0	Nil	Nil
No file uploaded.						

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
Diabetic Retinopathy Detection and Grading Using Machine Learning	Dr. K. P. Rane	International Journal of Advanced Trends in Computer Science and Engineering	2019	6	10	Nil
Design of Issuing	Dr. K. P. Rane	International	2020	6	Nil	Nil

and Self?r eturning Modules for Library Books for Mega Campus by using ARM 7 Web? Server and Cloud		Journal of Scientific Technology Research				
Symbolic ?OTP Based Security System for Domestic Use	Dr. K. P. Rane	Internat ional Journal of Scientific Technology Research	2020	6	Nil	Nil
Online R pi?Web?Ser ver based Blood Cell Analysis for Fast Diagnosis and Monitoring of Disorders for Remote Station	Dr. K. P. Rane	Internat ional Journal of Emerging Trends in Engineerin g Research	2020	6	3	Nil
Design and Develo pment of IOT, Web?Server and ML?AVPR based Inte lligent Humanoid Robot for Traffic Assistance	Dr. K. P. Rane	Internat ional Journal of Advanced Trends in Computer Science and Engine ering	2020	6	2	Nil

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	8	117	28	21
Resource persons	Nil	7	Nil	8

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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
Awareness about water conservation	Institute with MHRD	2	130
Hostel cleaning drive	Institute with MHRD	2	17
Campus cleaning drive	Institute with MHRD	2	122
Leadership development and challenges in front of youth	Sakal YIN and CSR cell	2	60
Jal Diwas	Jalshree	2	52
Blood donation camp	Godavari blood bank	2	30
Seminar for farmers	Gram panchayat, Dhar	2	10
Paper bag distribution	Rotary club	2	35
Flood relief fund	Institute	2	45
Ganpati visarjan with proper safety	Yuva shakti foundation, Jalgaon	2	15
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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
Jal shakti abhiyan	First Prize	AICTE	1200
Medical check up camp	Recognition Letter	Madhav Bag	30
Tree plantation	Recognition Letter	Rotary club	31
Paper bag distribution	Recognition Letter	Rotary club	35
Blood donation camp	Recognition Letter	Godavari Blood Bank	30
Seminar for farmers	Recognition Letter	Gram Panchayat, Dhar	10
Yoga camp	Recognition Letter	Yoga Centre, Jalgaon	27
View File			

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
Language awareness	Institute	German Language	2	32
Social awareness	Institute	Jal Manthan Jagar Water Conservation	2	60
Social awareness	Institute	Matdanacha Jagaer Street Play	2	150
Awareness programme	Orian CBSC School, Jalgaon	Robothlon Science Exhibition	2	104
Health awareness	Madhav Bag	Medical Check up camp	2	30
Swachh Bharat mission	Institute	Swachhata Pakwada	2	122
Environment awareness	Rotary club	Paper Bag	2	35
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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
Faculty exchange	Mr.Pradeep M.Joshi	Institute	36
Faculty exchange	Mr.Amol Pande	Institute	12
Faculty exchange	Mr.Swapnil L.Kate	Institute	26
Faculty exchange	Mr.M.K.Godbole	Institute	12
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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
Internship	Software Training	Seed InfoTech, Pune	04/11/2019	30/11/2019	Students
Internship	Industrial Training	Raymond	25/12/2019	25/01/2020	Students
Internship	Industrial Training	KBX/Hitachi	20/12/2019	19/01/2020	Students
Internship	Industrial	Bosch	15/04/2020	18/05/2020	Students

	Training				
Internship	Industrial Training	Chasis Brakes	26/06/2019	26/07/2019	Students
Internship	Industrial Training	Legrand India Pvt.Ltd	26/06/2019	15/07/2019	Students
Internship	Industrial Training	Dwarka Industries	10/06/2019	08/07/2019	Students
Internship	Industrial Training	Spectrum Industries	29/06/2019	27/07/2019	Students
Research	Sharing of Research facility	M.J. College, Jalgaon	01/01/2019	31/12/2020	Department of Chemistry
Research	Sharing of Research facility	IMR, Jalgaon	01/01/2019	31/12/2020	Mrs.Poonam Wani
View File					

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
Soft Aid Computers, Jalgaon	02/08/2019	Software Development Hardware Networking	1
Sealink InfoTech	10/09/2019	Software Development Hardware Networking	4
Mansi Wire Industries	10/09/2019	Manufacturing and Training	16
Hi-TechControls	25/11/2019	Manufacturing and Training	2
Caravan Industries	20/01/2020	Packaging Operations and Service	5
IT Digi. Solution	02/08/2019	Software and Application Development	2
MCED	27/01/2020	Entrepreneurship Training and Research Assistance	43
R3 System India Pvt. Ltd.	16/08/2019	Software Development Hardware Networking	143
Skyking Solar	10/07/2019	Research and Training	2
View File			

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
113.5	34.38

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	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
Soft Campus	Partially	2.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11553	3028997	638	218667	12191	3247664
Reference Books	9452	2478271	522	178909	9974	2657180
e-Books	1613	13570	Nill	Nill	1613	13570
Journals	42	136407	Nill	Nill	42	136407
e-Journals	324	13570	Nill	Nill	324	13570
Digital Database	1025	13570	Nill	Nill	1025	13570
CD & Video	572	Nill	Nill	Nill	572	Nill
Library Automation	1	250000	Nill	Nill	1	250000
Weeding	60	20400	Nill	Nill	60	20400

(hard & soft)

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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
Ms. Harsha V. Talele	Design and Analysis of Algorithms SE Computer 2019-20	https://classroom.google.com/u/2/c/O Dk1OTkxNzU0NjZa/m/M TA2MDY5MzM4NTA3/details	26/05/2020
Mrs.Priyanshi J. Borase	Compiler Design TE Coputer 2019-20	https://classroom.google.com/u/2/c/O Dk2MjI1MzM3OTZa/a/O TA0Njc4NTEyNzVa/details	26/04/2020
Mr.Rahulkumar R Patel	Notes of Python.	https://drive.google.com/drive/folders/0BwL8E_rfMOQfjR4YlZsbTZOemw2dlZaeG5La3ViajQxZzdFT2dXQ0Q3VTF0VkfFYRDVXQkk	21/05/2020
Mr. Kalpesh M. Mahajan	Testing and Maintence of Electrcical Equipments Unit-I and II. TE Electrical	https://docs.google.com/document/d/18BdALVIuiAYPLZssnF3d_pLqTpr40jBEkk_tJIZqU8U/edit	02/05/2020
Mrs.Priyanshi J. Borase	Compiler Design BE Computer	https://classroom.google.com/u/2/c/O TAwMjMwNTY1MzZa/m/M TI1Njg5MTI4MTE2/details	16/05/2020
Ms. Harsha V. Talele	BE Computer DWM	https://classroom.google.com/u/2/c/O TAwMjMwNTY1MzZa/m/M TA2MDk5NTQxMjUw/details	26/05/2020
Dr. Pradnya A. Vikhar	Operating Systems SE Computer 2019-20	https://drive.google.com/drive/folders/1mknf0YucMdyuwuSh-_bxuy7G-fiErE3u?uspsharing	20/04/2020

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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/	Others
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								GBPS)	
Existing	445	298	400	12	45	10	80	50	0
Added	129	72	59	0	0	6	0	0	0
Total	574	370	459	12	45	16	80	50	0

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

50 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
Video Camera, Open Broadcaster Software, Computer, Hand Mic, Collar Mic, Wireless Collar Mic, Headphone, Audio Amplifier, MS Office etc.	https://coem.kces.in/pdf/agar_links/4.3.3.pdf
Google Classrooms	https://classroom.google.com

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
18.65	15.29	39.15	34.96

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)

Utilizing Physical Facilities: The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. Budgetary provision is made for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms, laboratories, computer centre and furniture facilities etc. are utilized regularly for the students but sometime it is also made available for the other governmental and the non-governmental organizations for conducting the exams like MPSC, NEET, CET etc. if not in use for the said period.

- Laboratory- Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises.
- Library- Library advisory committee is in existence to suggest the books to be procured. On final approval of Principal books are purchased as per the KCE Society policy.
- Sports: The maintenance of all indoor and outdoor sports equipments in the college is done by sports in-charge.
- Computers- Computer maintenance through technical assistant is done regularly and non-repairable systems are repaired from outside and or disposed off.
- Classrooms- Society deputed technicians, masons, plumbers, carpenters etc. for the maintenance of infrastructure.

Cleanliness of campus is maintained by full time sweepers.

- Additionally:-

1. There is a lab technician in every department, who maintains the stock register.
2. Department wise annual stock verification is regularly performed.
3. Regular cleaning of water tanks, proper garbage disposal and maintenance of lawns is done by Institute concern employees.
4. College campus maintenance is monitored through regular inspection.
5. Regular maintenance of the water

cooler and water purifier is done regularly. 6. The fumigation and cleaning of library is done frequently by library staff. Academic and Support Facilities: All academic support facilities and the other physical support platforms are made available for overall development of the students. These facilities are made available for extended hours as per the requirement. Each Department having appropriate computer as per their requirement. In our college campus Internet and WIFI is available for 24x7.

https://coem.kces.in/pdf/agar_links/4.4.2.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	Nil	0	0
Financial Support from Other Sources			
a) National	Government Scholarship Schemes	987	27414901
b) International	Nil	Nil	0
View File			

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
Workshop on Hands on MS Excel	11/06/2019	47	Department of MBA, KCECOEIT
Guest lecture on Entrepreneurship Development	16/09/2019	52	Mechanical Department, KCECOEIT Mr. Bhaskar Borole Director Dwarka Industries 9422775637
Language Lab Application Awareness for First Year Students	23/08/2019	32	KCECOEIT, Language Lab F.E. DEPT. Mr. B.S. Patil 9422972799
Soft Skills and Personality Development	15/07/2019	35	Department of ETC, KCECOEIT
Career Opportunities in Europe	05/09/2019	42	T P Cell, KCECOEIT Mr. Prashant Kachve, Italy 8888428024
Guest Lecture on Leadership Qualities Development Challenges in front	26/08/2019	65	Electrical Department, KCECOEIT with Sakal YIN Mr. R.R. Waghulde 8275454903

of youth			
Yoga and Meditation	20/06/2019	90	Sport Cordinator, KCECOEIT Mr. Niteen Chaudhari 9822262623
Guest Lecture on CATIA	11/09/2019	47	Mechanical Department, KCECOEIT
Personal Counselling Mentor Mentee Scheme of Institute	30/07/2019	795	By Departmental Faculty members of KCECOEIT (as per batches of mentee)
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Guidance for Competitive Examinations (GATE/IES) Mech. By Mr. Vishal Meghani Former Sr. Engineer ONGC	54	Nill	1	Nill
2020	Carrier guidance seminar on Opportunities after Electronics and Telecommunication Engineering	Nill	46	Nill	5
2020	Guest Lecture on Career Counselling (Elect.)	Nill	63	Nill	5
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
1	1	5

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
01 (IT Digi Solutions Jalgaon)	22	6	28	125	32
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.E.	MECHANICAL	V.J.T.I. Mumbai	M.TECH
2020	2	B.E.	COMPUTER	K.C.E.C.O. E.I.T. Jalgaon	MBA
2020	2	B.E.	MECHANICAL	K.C.E.C.O. E.I.T. Jalgaon	MBA
2020	1	B.E.	ELECTRICAL	K.C.E.C.O. E.I.T. Jalgaon	MBA
2020	2	B.E.	E & T.C.	K.C.E.C.O. E.I.T. Jalgaon	MBA
2020	1	B.E.	COMPUTER	M.E.Society's Institute of Management and Career Courses (IMCC) College in Pune,	MBA
2020	1	B.E.	COMPUTER	KCES's IMR Jalgaon	MBA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	9
View File	

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

Activity	Level	Number of Participants
Tug-off War Girls	Institute	12
Cricket	Institute	230
Box Cricket Boys	Institute	120
Box Cricket Girls	Institute	96
Badminton (Doubles)	Institute	26
Badminton Singles	Institute	25
Carom	Institute	17
Table Tennis Double	Institute	10
Table Tennis Singles	Institute	16
Chess	Institute	25
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	National	Nil	Nil	Nil	Nil
2019	Nil	Internat ional	Nil	Nil	Nil	Nil
View File						

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

Objectives of Student Council: 1. To improve the overall growth of student's personality. 2. To provide exposure to hidden talents of students. 3. To offer incentives to outstanding students. 4. To Improve self confidence in the overall development of the Students. 5. Providing students with social values, equality and professional ethics. Activities of Student Council: Encouraged and organized extracurricular activities in order to bring out hidden talents to students and to inspire them to participate in these activities that include cultural and social events for the overall development of students. The various activities as follows: 1. Youth Festival, 2. Inter College Magazine Competition, 3. Clean Campus, 4. Swachh Bharat, 5. Tree Plantation, 6. Blood Donation. University arrange annual district level youth festival, these youth festivals are coordinated and managed by the students. It provides an opportunity for students to understand the different activities conducted by University. Student council has an opportunity to represents our institute at the university level to put up and address student's problems and expectation.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet is arranged on 07.03.2020 where the discussion on placement, internship, industrial projects, raising of alumni funds were carried out. Written feedback is collected in the meeting which is used for further improvement.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Khandesh College Education Society promotes decentralization and participative management in the decision making of the institution. At the institutional level, the Principal manages the administrative and academic activities. Practices of participative management: 1. Keeping in view the vision mission of the institute, the management provides free hand to the Principal. The Principal is the Secretary for the College Development Committee (CDC) and convenes the meetings regularly. The minutes of meetings are circulated. 2. As per the policy of the Management, the Principal appoints the faculty members as coordinators for different committees to carry out the curricular, co-curricular and extracurricular activities in the institute. The Principal conducts the meetings with the faculty regularly for the smooth functioning of the institute. Practices of De- centralization: 1. KCE Foundation Week Programme: The practice of decentralization impressed from the various activities of the institute. Every year the institute organises the KCE Foundation Week Program. This year the week was organised 16.09.2019 to 21.09.2019. The Principal conducts the meeting and appoint one faculty as co-ordinator and other faculty members as sub- coordinator for the respective week activity. The institute involves the students in this programme and distributes the work. 2. De-centralization power: The ways in which Heads of Departments participate in the Management Process: The Head of the Department oversees the teaching plans of his/her departmental members. He/she is empowered to make adjustments in the routine, and to allot teaching assignments and evaluation duties. He/she enjoys the privilege of convening departmental meetings where the programmes for the entire term are decided. He/she often takes the lead in planning seminars, workshops, career counselling sessions, remedial measures, interdepartmental or/and inter-college exercises, departmental excursions and study tours.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	1. The institution is affiliated to KBC North Maharashtra University, Jalgaon and Dr. Babasaheb Ambedkar Technological University, Lonere. The curriculum is prepared under the

faculty of engineering and technology for engineering programme and under the faculty of commerce and management for MBA programme. 2. COs may or may not be specified in syllabus but faculty members of the institute had defined or redefined the same following bloom's taxonomy. The COs are mapped with POs and PEOs to identify the curricular gaps. 3. HoD convenes the meeting of all faculty member to collect feedback for enrichment of curriculum and suggest to BoS. 4. Members of BoS and chairman of BoS from our institute are actively participating in curriculum design. 5. The gap between the predesigned curriculum and industry requirement is identified and accordingly different bridge/value added courses are run by the institution to cope up with such gaps.

Teaching and Learning

1. The faculty members submit the teaching plan at the beginning of the semester and execution report at end of semester to the HoD. The HoD takes the structured feedback from the students on teaching-learning process adopted by each faculty member. This feedback is discussed in the IQAC meetings and provides suggestions for the improvement. 2. Expert/guest lectures are arranged for curriculum enrichment and to bridge the curricular gaps. 3. NPTEL courses are suggested to students for knowledge enhancement. 4. Every year external and internal monitoring committee suggest for effective content delivery. 5. The faculty members identify the slow learners to provide the remedial classes. 6. The institute conducts regular tutorials, tests and preliminary examinations. 7. The IQAC reviews and analyses the university results of all the programs and provide suggestions for improvement. Also the management appreciates the university rank holders and motivates them for the success. 8. The IQAC encourages faculty members to be the mentors of students.

Examination and Evaluation

1. All examination rooms, control room and CAP centre are equipped with CCTV cameras and other required IT infrastructure. 2. Each year, the institute constitutes a special examination committee to ensure effective implementation of all activities related to internal and

external examinations and assessments. It consists of a committee head, and committee members from each department. 3. Flying squad is appointed for all examinations to conduct examinations smoothly and to avoid unfair activities. 4. Many reforms suggested by committee. 5. Model answers of old question papers are prepared by faculty members and discussed in class room.

Research and Development

1. The institute is having R and D cell. 2. Institute is having C-Deep centre by IIT Pawai, Mumbai. 3. Every year institute prepares and sends research proposals about workshop, seminar, FDP to AICTE. 4. Institute encourages all staff members to increase in research work, publication and patents. 5. For research, institute provides IPR programmes, study leaves and incentives. 6. Appropriate remuneration is granted to faculty members for publishing papers in IEEE, Scopus, UGC care list etc. 7. Institute initiates consultancy services in collaboration with industries. 8. Institute motivates the faculty members for submitting research proposal through various agencies.

Library, ICT and Physical Infrastructure / Instrumentation

Library: 1. The library is equipped with textbooks (12191), reference books (9974), e-books (1613), journals (42), e-journals (324) ,multimedia PC's (10), educational CDs/DVDs (572) etc. 2. Library automation is available. 3. For development of library specific budget is sanctioned every year. 4. Library facilities are made available to the students during extended hours. 5. Digital study material like NPTEL videos and e-journals are made available to the faculty and students. ICT Infrastructure: 1. Institute has well equipped computing facilities with LAN connected. 2. Internet leased line with 50 mbps bandwidth to enable seamless video access supported by UPS facilities, generator backup facilities. 3. ICT infrastructure enhances participation of faculty and students in quality teaching learning practices within and outside the classroom. 4. CCTV cameras are installed at various important places for providing security and monitoring teaching- learning and evaluation activities. Physical Infrastructure: ?

The institute has stated physical infrastructure which includes class rooms (18), smart class rooms (08), tutorial rooms (05), drawing halls (02), laboratories (41), workshops, computer centres, library- reading room, periodical section, administrative office, head of the department cabins, examination control room, seminar hall etc as specified earlier.

Human Resource Management

1. KCE Society has its HR department includes HR manager HR executives. 2. HR department looks towards academic administrative section. 3. The department maintains all records of recruiting, selection, inducting employees, providing orientation, imparting training and development, appraising the performance of employees, etc. 4. Under the guidance of IQAC, the institute organizes training programmes for both teaching and non-teaching staff members for upgrading their skills in the latest technology. 5. Medical leave provision is given to the faculty and staff members based on the request. 6. Faculty staff are encouraged to participate in workshops/conferences and development programmes. The institute also sponsors the participation in such programmes. 7. Recruitments to faculty and non-teaching positions is as per UGC and university guidelines.

Industry Interaction / Collaboration

1. This institute has industry interaction cell and training placement cell. 2. The institute signed (9 MoUs) in current academic year and at present total thirty MoUs with reputed core industries are existing to enhance industry-institute interaction activities like industrial visits, in-hand trainings, value added courses, guest lecturers etc., for the professional development of students and faculties. 3. Participation of experts from industry in to identify curriculum gap and bridge it. 4. Encouraging engineers from industry to visit engineering institution to deliver lectures. 5. Management students visits industry for study and discussions on subjects of mutual interest as well as enhancement of their course. 6. Industrial visits,

lectures by industry experts, internship by students (713) and domain experts are regularly conducted.

Admission of Students

1. Admission process is carried out by Directorate of Technical Education through centralised admission process (CAP). 2. This institute is identified as one of the facilitation centre for admission process of I year, direct II year engineering diploma/UG/PG programs as per the policies of state government. 3. Admission committee works under the guidance of principal and forms for the frame work of admission process. 4. Institute organise free awareness camp for admission. 5. Institute organise seminars on career guidance. 6. Institute organises campus tour for faculties and students of other institute. 7. Committees from each department are framed to councils the students regarding their programs or course. 8. The institute level admissions are carried as per guideline issued by competent authority

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

E-governance area	Details
<p>Planning and Development</p>	<p>1. The institutional website is updated regularly. 2. ICT is used in the process of planning various events and activities. 3. The institute uses e-mail for communication.</p>
<p>Administration</p>	<p>1. Recruitment advertisements and notifications are published on the website. 2. Information about academics, administration, facilities and statutes is available online. 3. The internal assessment, attendance, time table and feedback are also sought online. 4. The institute is steadily progressing towards achieving a paperless office through phase-wise implementation of a tailor-made Management information system.</p>
<p>Finance and Accounts</p>	<p>The accounts office uses the software Tally for proper maintenance of financial records. 2. Fee payments are online.</p>
<p>Student Admission and Support</p>	<p>1. The admission process is completely online. 2. Grievance redressal procedure during admissions is also online. 3. Institute provides bonafied, leaving certificates through MIS.</p>

Examination

1. Online examinations are conducted by university. 2. The results are available online.

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
2020	Prasad Kulkarni	Publication in IJRAR July 2020	IJRAR	2137
2020	Chaitra Panat	Publication in IJAREEIE, March 2020	IJAREEIE	900
2020	Chaitra Panat	Publication in IJAREEIE, July 2020	IJAREEIE	900
2020	Pradnya Vikhar	International conference (online) on ICRTRES-20, Malkapur	ICRTRES	1000
2019	Pradnya Vikhar	Publication in IJETEE	IJETEE	8500
2020	Kantilal Rane Kantilal Rane	Publication in IJETEE	IJETEE	8500
2019	Kantilal Rane	Publication in IJETEE	IJETEE	8500
2019	Prasad Kulkarni	Publication in IJAREEIE	IJAREEIE	700
2020	Sanjay Sugandhi	Online STTP on 'Human Ethics and Values'	UGC, HRDC, Hyderabad	1000
2019	Kalpesh Mahajan	STTP on Power Electronics for Distributed Generation and Electrical Drives	S.V. N.I.T, Surat	1000

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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	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	organised for teaching staff	organised for non-teaching staff				
2019	Coordinators workshop on Linux	Not Applicable	03/08/2019	03/08/2019	1	Nil
2019	Workshop on Linux	Not Applicable	23/08/2019	23/08/2019	15	Nil
2019	Workshop on R Programming	Not Applicable	09/11/2019	09/11/2019	15	Nil
2020	Workshop on Arduino	Not Applicable	08/02/2020	08/02/2020	9	Nil
2019	Seminar on Awareness on Intellectual Property Rights	Not Applicable	19/10/2019	19/10/2019	42	Nil
2020	Guest lecture/Seminar on Patent Filing Process	Not Applicable	08/02/2020	08/02/2020	37	Nil
2019	Guest lecture/Seminar on Do's and Don't for patent filling	Not Applicable	27/07/2019	27/07/2019	41	Nil
2019	Not Applicable	Demonstration of use of fire Extinguisher at work place	14/08/2019	14/08/2019	Nil	16
2019	Not Applicable	Efficient Documentation and filing	29/11/2019	29/11/2019	Nil	9
2020	Not Applicable	Hands on training of Google add-ons by computer department	12/03/2020	12/03/2020	Nil	15

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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
E-FDP: Machine learning and post covid19 effect on computer science research	1	02/06/2020	06/06/2020	05
E-FDP: Research Methodology	1	26/05/2020	30/05/2020	05
E-FDP: Renewable energy Application ent repreneurship	2	26/05/2020	30/05/2020	05
Co-ordinator Workshop on Arduino	1	18/01/2020	18/01/2020	01
Workshop on NPTEL Awareness MET Bhujbal ,Nashik	1	30/11/2019	30/11/2019	01
Workshop on e sim a first course in IOT Series by IIT KCE COEIT, jalgaon	4	21/09/2019	21/09/2019	01
Workshop on linux	1	21/08/2019	21/08/2019	01
Workshop on R	9	09/11/2019	09/11/2019	01
Workshop on Linux	8	23/08/2019	23/08/2019	01
"IPR and Patenting Awareness and Innovation", at Godavari College of Engineering, Jalgaon,	1	22/11/2019	29/11/2019	08
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching
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Permanent	Full Time	Permanent	Full Time
30	41	2	23

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Financial support to attend/ present paper at national/international seminars/conferences. 2. Laptops for all HoD's and computing facilities for most of the faculty. 3. Paid leave/study leave to PhD perusing candidates. 4. All leaves as per state government norms. 5. Medical insurance/group insurance for faculty. 6. Payment of provident fund. 7. Internet and free wi-fi facilities for staff. 8. Diwali vacations for 10 days. 9. Summer and winter vacations. 10. FDP for faculty members on regular basis. 11. Awareness programme on health free health check-up organised. 12. Automation of attendance leave record using biometric system. 13. Employee gets fees concessions for their wards.</p>	<p>1. All leaves as per state government norms. 2. Medical insurance/group insurance for staff. 3. Payment of provident fund. 4. Internet and free wi-fi facilities available in campus for staff. 5. ICT facilities for administration work.</p>	<p>1. Soft skills programme, bridge/ value added courses. 2. Scholarship free ship as per state and central govt. 3. Student safety group insurance. 4. Student mentoring system is developed. 5. Training placement activities. 6. Reimbursement for sports cultural activity held at KBC NMU, yuva mohotsav.</p>

6.4 – Financial Management and Resource Mobilization

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

1. The accounts of the institute are audited regularly as per the government rules. 2. Institution has established a mechanism for conducting internal and external audits on the financial transactions every year. 3. The expenses will be monitored by the accounts department as per the budget allocated by the management. 4. An internal auditor checks the receipts payments thoroughly with necessary supporting documents. 5. External auditor ensures that all payments are duly authorized. 6. The report of external auditor for last year along with audited balance sheet and income expenditure account is enclosed. 7. The external auditor conducts statutory audit at the end of financial year. 8. The last audit for the year 2019-20 was completed on 22/09/2020 and there were no major audit objections in the same.

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

Fund received from society (Management)	2650387	To meet the financial requirement.
View File		

6.4.3 – Total corpus fund generated

0

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	DBATTU, Lonere	Yes	Principal
Administrative	Yes	Sarode and Firake and Co.	Yes	KCE Society

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

<p>1. Parent teacher meet is organised to collect feedback from parents about the curriculum and the co-curricular activities conducted by the institute. 2. Parents contribute in image building of the institute 3. Suggestions given by parents helps in upgrading curriculum. 4. Some of the parents helps students for internship program and visit to industry. 5. Parents as member of an advisory committee.</p>
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6.5.3 – Development programmes for support staff (at least three)

<p>1. Demonstration of use of fire extinguisher at work environment. 2. Efficient documentation and filing. 3. Hands on training of Google Add-Ons.</p>

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

<p>1. Curriculum gaps are being identified and accordingly bridge/ value added courses are arranged. 2. Increase intake of MBA dept. 3. Revision of departmental vision, mission, PEO's, PO's and CO's. 4. Enhancement of industrial collaboration. 5. B.Voc data science and industrial automation courses.</p>
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6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Timely submission of AQAR	14/03/2020	14/03/2020	14/03/2020	1200
2019	Application to NIRF	26/11/2019	26/11/2019	26/11/2019	1200
2019	Regular	14/08/2019	14/08/2019	14/08/2019	11

	IQAC meetings				
2020	Regular IQAC meetings	30/01/2020	30/01/2020	30/01/2020	11
2020	Timely submission of AISHE	07/01/2020	07/01/2020	07/01/2020	1200
2020	Administrative Audit	22/09/2020	22/09/2020	22/09/2020	1200
2019	Internal Academic Audit of all departments	04/10/2019	04/10/2019	05/10/2019	1200
2020	Internal Academic Audit of all departments External academic audit	08/05/2020	08/05/2020	09/05/2020	1200
2019	External academic audit	09/11/2019	09/11/2019	09/11/2019	1200
2020	Feedbacks from all stakeholders are compiled, analysed and action plan is proposed by the respective departments.	30/06/2020	30/06/2020	30/06/2020	1200
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women's Cell Meeting	20/08/2019	20/08/2019	6	3
Fitness for youngster through Yoga, Diet & Lifestyle	11/09/2019	11/09/2019	44	15

Women's Cell Meeting	02/03/2020	02/03/2020	6	3
Women's Day Celebration	08/03/2020	08/03/2020	38	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
2

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Provision for lift	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	09/06/2019	13	Online Exams- Forest Guard	Provided Computer labs supporting staffs for smooth conduction of exams	2000
2019	1	1	02/07/2019	24	Online Exams - Revenue	Provided Computer labs supporting staffs for smooth conduction of exams	2200
2019	1	1	07/09/2019	7	Online Exams - MUHS	Provided Computer labs supp	800

						orting staffs for smooth co nduction of exams	
2019	1	1	02/12/2 019	3	Online Exams - MSB	Provided Computer labs supp orting staffs for smooth co nduction of exams	400
2019	1	1	12/11/2 019	1	Seminar on Entrep reneurshi p Develop ment Skills	Awareness was created among the student	63
2019	4	4	08/06/2 019	90	Facilit ation Center - Admission Process for first year, eng ineering, direct second year engi neering, MBA, Diploma first second year	Provided all the c ounsellin g and fac ilities for smooth co nduction of admission process.	1609
2019	1	1	18/01/2 020	2	Robolthon and science e xhibition	The platform was provided to school students to show their technical skills through this exhi bition.	104

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
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Code of Conduct and Ethics for Students, Teachers and Non-teaching staff	01/07/2019	Our institute follows Code of Conduct and Ethics for Students, Teachers and Non-teaching staff already displayed on website from 1/10/2018. Principal, HOD, Faculty member observe subordinates students time to time for smooth functioning of code of conduct.
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar for Farmers, in collaboration with grampanchayat, Dhar	10/07/2019	10/07/2019	10
Jal Diwas celebration awareness rally	22/07/2019	22/07/2019	120
Celebration of Dahi Handi, Ganesha Idol Making Competition, Ganeshotsav, Ganesh Visarjan with proper safety with Yuva Shakti foundation, Jalgaon	24/08/2019	12/09/2019	730
Kerala Relief Fund and Donation to Matriyat of Pulwama	05/09/2019	05/09/2019	45
Social Awareness Activity : Matdanacha jagar, Quiz Competition: General Knowledge	19/09/2019	21/09/2019	235
Paper Bag Distribution with Rotary Club	21/10/2019	21/10/2019	35
Medical Check-up Camp with Madhav Bag	11/01/2020	11/01/2020	30
Swachhata Pledge, Tree plantation, Awareness about Energy Conservation using presentation , Campus Cleaning Drive , Poster competition on	16/01/2020	28/01/2020	819

Water Conservation, Poster competition on Forest Conservation, Hostel Cleaning Drive, Republic Day Aw			
'Marathi Rajyabhasha Divas' celebration : Awareness and books information at library	27/02/2020	27/02/2020	45
General Knowledge quiz (Online) Yoga day awareness quiz (Online)	04/06/2020	22/06/2020	515
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- 1) Plastic free campus, 2) Eco-friendly Ganesha, 3) Paperless Office, 4) Green landscaping with trees and plants, 5) E-learning sources, 6) E-waste disposal, 7) Water Harvesting, 8) Celebration of Swachata Pakhawada.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

7.2 Best Practices 1. Title of the practice: Community Support Cell Goal The institution is fully committed to render service to the surrounding society. It is achieved by providing infrastructural facility available with institute for different activities as the institute is located at the heart of Jalgaon city (District Head Quarter). The Context The practice relates to a social activity. As a college is located at heart of the city it is beneficial to the students coming from different location for examination. College provides the infrastructure for various online and offline examinations. The institute executes various centralised online admission process as per directives of the state government. The Practice The external agencies which conducts different competitive examinations gives there requirement to the college. Depending on their requirement and availability of date college provides the infrastructure and human resource for smooth conduction of examination. Admission process is executed successfully with the help of human resources and infrastructural facilities. Evidence of Success All the stakeholders including students and parents were satisfied with the resources and Help got from the institute. Problem encountered and resources required. • The institute encountered very few problems while executing this project. The main issue occurred while taking online examination is electricity problem. Which is addressed by using D.G.set for whole session. • Discipline problem at the FC due to rush so more security force is employed extended hours working of faculty members. II. Title of the practice: NPTEL/ Online courses The Goal: • To create the awareness about online courses and NPTEL which renders technical education. • The main objective of the institute is to enroll more students for online courses. • To educate and prepare students for technical and professional excellence and enable them to have better employment. The Context: NPTEL is associated with industries they design the courses which are helpful to everyone to get relevant knowledge and development of relevant skills of their domain in industry. As there is huge gap between education system and industry requirements many of us fail to get employment due to lack of skills and

practicality which are demanding in industries The Practice and Evidence of the Success: • Online courses such as NPTEL enrich the students with basic as well as advanced knowledge of the subject. This year 176 students 47 Faculty members registered to various courses in winter session also 114 students 51 faculty for summer session. • The students get their course certificates depending on their score they get different categories such as Elite, Silver and Gold medal which increases the interest of the students to enrol for next course. • This year 16 students 10 faculty were successfully completed the course from that 7 have got Elite Grade. Problems Encountered and Resources Required: Now-a-days all are equipped with android mobiles so the students didn't encounter any problem. Resources Required: Mobile and Computer are required.

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

https://coem.kces.in/Naac/agar_links

7.3 – Institutional Distinctiveness

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

The establishment of this Institute symbolizes the ascendance of plateau of achievement of academic excellence, in dissemination of quality education for Under Graduation and Post Graduation students. This institute committed to usher in socio - economic transformation by providing inclusive innovative quality education of global standards to fully meet the expectations of the stake holders. To recruit and retain well qualified motivated faculty and staff and provide adequate infrastructure, equipment. To provide amenities and sports facilities in harmony with nature. Industry institute interaction to provide adequate exposure to the students to the world of work. Enrich library and provide latest teaching gadgets and process to promote effective teaching, learning. To provide holistic value based education and inculcate entrepreneurial abilities so that the students are well groomed in knowledge, skills and values to have the ability to face the challenges of the corporate world and life.

Silent features of institute: o This institute provides offers quality technical education at reasonable fees. Therefore most of the students of this institute are from rural area with economically poor background. so that a deserving student is not denied an opportunity for technical education solely on socio economic constraints. o Institute provides holistic education to develop skills, knowledge and values through well-structured curriculum and bridge / value added course. o Institute moulds the students acceptable to the corporate world and promote entrepreneurship among them.

Provide the weblink of the institution

https://coem.kces.in/Naac/agar_links

8.Future Plans of Actions for Next Academic Year

- Strengthening the industry oriented, value- added/ certificate courses.
- Enhancement of activities at Skill development center (DKSDC).
- Enhance the system to handle robust teaching- learning environment for student centric development.
- Develop research center for promotion of research activities and environment.
- Apply to UGC for 2(F) and 12(B).
- Apply for NBA for eligible branches.