Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**CITY ENGINEERING COLLEGE**
Name of the head of the Institution	**V. S. RAMAMURHTY**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**080-22560313**
Mobile no.	**9880411365**
Registered Email	**principal@cityengineeringcollege.ac.in**
Alternate Email	**cityengineering123@gmail.com**
Address	**Doddakallasandra, Bangalore,560061**
City/Town	**Bengaluru**
State/UT	**Karnataka**
Pincode	**560061**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.Jyothi.P**
Phone no/Alternate Phone no.	**08022560313**
Mobile no.	**9448336498**
Registered Email	**hellojyothi95@gmail.com**
Alternate Email	**viceprincipal@cityengineeringcollege.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cityengineeringcollege.ac.in/naac.html

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://cityengineeringcollege.ac.in/naac.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.58**	**2019**	**01-May-2019**	**30-Apr-2024**

6. Date of Establishment of IQAC	**09-Jan-2019**

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
Effective mentor system	**05-Oct-2019** **1**	**110**

Effective mentor system	29-Feb-2020 1	120
Effective mentor system	08-Nov-2019 1	400
Effective mentor system	30-Nov-2019 1	120

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

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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
nil	nil	nil	2020 0	0

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]()
10. Number of IQAC meetings held during the year :	**12**
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 Uploaded File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

CONDUCTION OF PROJECT EXHIBITIONS to explore the practical knowledge of students. Regular industrial visits are organized in the department wherein the students are taken to various industries relevant to the course.

Digital Medium of instruction (PPTs, Videos) is used in classrooms, seminars and laboratories.

Some of the faculty took NPTEL online courses and some of the CSE students registered in NITTT.ac.in

Students are motivated to fabricate working models, charts and also to attend subject seminars of interest in other institutions.

Core courses predominantly have theory and laboratory combined. The students acquire the desired knowledge in their field as per the curriculum through the classroom teaching process. Provision is also made for the students to carryout relevant experiments in the courses offered by the departments/university.

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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
Conduction of project exhibition	Exhibition conducted for all students of CEC.Students acquired the techinical knowledge
Encouraging students to use open courses like NPTEL, EDMODO, MOODLE etc	Students of computer students are encouraged use these courses.Success in using this open sources.
To enhance no. of Ph.D's	Encouraged, motivated faculty members to complete Ph.D's. two members completed Ph.D during the year
Up gradation of technical skills of staff members	Teachers attended workshops, conferences, seminars etc.Results in upgradation of knowledge
Conduction of tutorial classes for improvement of results	Teachers conducted tutorial classes.increase in pass percentage
More usage of digital classroom for teaching-learning	Teachers are encouraged to use the digital classrooms.Students felt easy to understand the concepts throught digital media
Effective mentor system	Teachers are regulary monitoring students.Improved performance in counselled students
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	22-Apr-2019
16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	**2019**
Date of Submission	**28-Aug-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**ERP system: ERP software which is used by all staff members, students and parents. It is useful for updating attendance on daily basis, uploading internal marks, notes, study materials, lesson plan, syllabus of the subjects. Parents and students are receiving the regular messages regarding their absence, notifications of the college activities, marks, notes, study materials, question banks, old papers etc. Students are given login id and password and they can use their login id and password and they can access the notes, marks, notifications, question bank, question papers and they can download it if required. Faculty details and student details are available in this Management Information System**

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 City Engineering College (CEC) follows the curriculum designed by Visvesvaraya Technological University(VTU), Belagavi, Karnataka. Well before a semester begins, several steps are taken in order to ensure effective curriculum delivery, The Principal conducts a preliminnery IQAC meeting where all the HODs present their PPTs on results analysis, remedial measures, activities planned, academic and budget requirememts for the coming semester. Principal discussess and decides on the comprehensive requirements, prepares Budget, conducts purchase committee meeting and proceeds with final approvals. The College Academic Calendar of Events is prepared. The Programme level Subject (Course) Meetings are conducted to allot Subjects (courses) to the faculty and to decide on the faculty work load. Library committee considers requirements for procurring Books and Journals. The Curriculum Delivery is planned by preparing time table, notes, study materials, assignments and question bank, which are updated to Enterprise Resource Planning (ERP) portal. Orientation Program/Induction program is conducted at the beginning of academic year to all the newly admitted students. Faculty members are assigned responsibilities for conducting the Curricular, Co-curricular and Extra-curricular activities. The City Engineering College (CEC) follows the curriculum designed by Visvesvaraya Technological University(VTU), Belagavi, Karnataka. Well before a semester begins, several steps are taken in order to

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1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
nil	nil	01/08/2019	0	nil	nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	nil	01/08/2019
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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
BE	CSE	01/08/2019
BE	ME	01/08/2019
BE	EC	01/08/2019
BE	CV	01/08/2019

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

		Certificate	Diploma Course

Number of Students	0	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
NIL	01/08/2019	0

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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	CSE	114
BE	CV	59
BE	ECE	45
BE	MECH	42

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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
Feedback processes of the institution may be classified as follows A. Feedback collected, analysed and action taken and feedback available on website B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected

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	CV	90	20	4
BE	ECE	90	25	10
BE	MECH	90	22	2
BE	CSE	180	130	103
Mtech	CSE	24	10	4

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	123	4	116	3	119

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
100	100	13	15	15	20

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)

789The Counseling services in City Engineering College are part of the academic requirements of VTU. To achieve the goal of the institution to the fullest level, the guidance and counseling services are essential. CEC Counselling centre undertaken the following activities for the improvement of student community with the help of faculty members. Students' counselling is an important regular activity in the college which is aimed at fostering and nurturing students to excel in academics and to help them for their overall development. This activity provides support and guidance for the academic excellence and other issues being faced by the students. Counselling is not about giving advice but offers a space to discuss about their difficulties and thinking about future prospects. Students from one division are divided into three groups and a faculty member is assigned as a counsellor in each group. Each faculty counsellor is allotted 20-25 students and the counsellor arranges three counselling sessions in each semester. Counselling form of each student is maintained this helps to understand his performance behavior etc. Faculty tries to develop a coherent student-counsellor relationship and students can interact freely with the counsellor to discuss about academic excellence and future prospects. Students are encouraged to express their views and suggestions for academic and other infrastructural improvements in the college. The Principal and Head of the Departments take necessary actions to implement their valid suggestions. The counsellor collects all the details pertaining to the students and keeps a record of attendance of all the courses of the counselling group. Time to time, the attendance reports are communicated to the parents (three times per semester). The report comprises of theory attendance, practical/ tutorial attendance and mid semester marks. Parents can contact the counsellor at any time. The counsellors will arrange meeting with parents whenever they find any need such as the attendance is excessively low or poor performance in the examinations etc. For the smooth functioning of this activity each department has department coordinator and an overall coordinator in the college. Principal and Head of the Departments take necessary actions for the suggestions/issues raised during the counselling sessions. Parents meeting is one of the counselling methods and we do conduct Parents teacher meeting frequently to keep the update of their academics, behaviour, attendance etc. Separate parents meeting file is maintained in each department. HOD's oversee the overall activities

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
789	119	1:7

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

119	119	0	19	12

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	Sowmya Naik P T	Assistant Professor	Doctoral
2019	Deepak N R	Assistant Professor	Doctoral
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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
Mtech	CSE	All	25/07/2020	19/10/2020
BE	CV	All	25/07/2020	19/10/2020
BE	MECH	All	25/07/2020	19/10/2020
BE	ECE	All	25/07/2020	19/10/2020
BE	CSE	All	25/07/2020	19/10/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Following are the Reforms in CIE process at Institutional level. Three reforms worth mentioning are 1. On-line documentation of CIE marks, analysis and remedial action. 2. Providing logistic support to strict conduction of CIE Tests and evaluation. 3.Enhancing CIE marks for Practical Exams to 40 from 25. On-line capturing and consolidating of CIE marks using pupilpod sofware is done. The parents are intimated through SMS about their wards performance. About logistic support for CIE Tests, Institute follows a planned schedule with calendar of events which provides information on tests, test marks entry, holidays, Techno Cultural events etc. The institute maintains a well-coordinated examination cell through which internal tests are conducted smoothly. Internal evaluation is entirely the responsibility of the teacher teaching the course. However, the institute has ensured the credibility of the system by introducing various internal checks, and also by making it sufficiently transparent. A student is free to interact with the teacher and seek clarifications about the marks awarded in a particular test. In the beginning of the course, the Course outcomes(CO) are well communicated to the students. To evaluate traits such as the depth of students knowledge, skills, application of principles to problem solving, creativity, ability to communicate and ability to face unknown situations etc. Practical subjects/Lab tests are evaluated by distributing marks separately for record submission, conduction of experiment and viva-voce. Seminars for final year students are evaluated by panel of teachers. To value the project and project reports of final year students respective guides are allocated for a batch of two to four students. The internal test question paper is set for part of the syllabus

covered until the test. Portions and pattern of the question paper is informed to the students by the subject teacher. CIE marks have been enhanced from 25 to 40 with a view to provide more of Practical Classes.As per CBCS 2015 scheme (20-80) the internal question paper is set for 40 marks which is later consolidated to 15 marks. Assignments carry 5 marks, total internal marks being 20. According to CBCS 2017 scheme (40-60) the internal question paper is set for 40 marks which is later consolidated to 30 marks. Assignments carry 10 marks, total internal marks being 40.The key/scheme of valuation is prepared by the subject teacher before evaluating the answer scripts. Three internal tests are conducted to evaluate the performance of students and the best out of two for 2015 scheme and all three internal tests are considered for 2017 scheme for the award of the internal marks. It covers the whole course and tests the student's ability to integrate and interlink the various concepts and tools of analysis to which they have been exposed. The internal marks are awarded based on internal test performance and assignment. The Institute maintains very strict, impartial, impersonal, confidential and vigilant conduct and administration of internal examination aided with in-house supervision, strictly adhering to University norms with regards to evaluation. The internal test marks are entered in pupilpod maintained by college.

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

As per the University stipulations, CIE Tests are conducted with specified intervals. Normally first Test shall be conducted after 6 weeks,Second Test after 12 weeks and third test after 18 weeks. These standard norms as per VTU are incorporated in to college Calendar of Events and are strictly adhered. Any rescheduling due to local/national bundhs or holidays declared gets notified and Tests are conducted accordingly. The Institution follows a planned schedule like academic calendar which provides information on tests, tech events, activities, holidays, etc.The academic calendar of the institute is planned well in advance based on the calendar provided by the university and the same is displayed on the notice boards for the benefit of the students.The institute conducts CIE for all the branches in a centralized manner as per the academic calendar.If the CIE gets cancelled due to bandh, strikes etc. arrangements are made to conduct the internal exams on an alternate date and the same is intimated to all concerned

2.6 – Student Performance and Learning Outcomes

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

http://cityengineeringcollege.ac.in/pdf/2.6.1%20VISION,MISSION,PO'S,%20PSO.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
CSE	BE	CSE	116	113	97.4
ECE	BE	ECE	51	44	86
CV	BE	CV	38	37	97.37
MECH	BE	MECH	41	38	93
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2.7 – Student Satisfaction Survey

http://cityengineeringcollege.ac.in/naac.html

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
Major Projects	0	nil	0	0
Minor Projects	0	nil	0	0
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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
IOT AND EMBEDDED SYSTEM	Electronics and communication	20/04/2020
Facility management	Civil Engineering	26/09/2019
Building Information Modeling (BIM)	Civil Engineering	26/09/2019
Personality Development Programme	Civil Engineering	27/09/2019
Carrier prospects in Civil Engineering	Civil Engineering	25/02/2020
Importance of GEOLOGY in Civil Engineering	Civil Engineering	07/03/2020

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
Doctoral Degree	Sowmaya Naik	VTU	01/02/2020	Ph.D in Computer Science
Doctoral Degree	Deepak N R	VTU	01/12/2019	Ph.D in Computer Science
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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
nil	nil	nil	nil	nil	01/08/2019
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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	0	0

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

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	2

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	CSE	2	3.2
International	ECE	6	2
International	MECH	2	1

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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
ECE	6
CSE	1
MECH	2
civil	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
Establishing Garbage disposal unit using mathematical technique,	Dr.Jyothi.P	IEEE	2019	1	Professor	1
A Framework for Identifying and Mitigating Malicious flow in Software Defined Nerwork Deployed over an	Ravindra.S	Indian Journal of Computer Science and Engineering (IJCSE)	2020	1	Assistant Professor	1

IOT Ecosystem						
Energy optimization mechanism to improve energy efficiency of mobile device interface for mobile system	Dr.Shalini Prasad	Test Engineering and Management journal	2020	0	Professor	0

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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
Establishing Garbage disposal unit using mathematical technique,	Dr.Jyothi.P	IEEE	2019	1	1	Professor
Impact of Particle Size Distribution for Variable Mixing Time on Mechanical Properties and Microstructural Evaluation of Al-Cu/B4CComposite,	Dr.S.Karunakara	Materials Today Proceedings, Elsvier,	2020	2	4	Professor
A Framework for Identifying and Mitigating Malicious flow in Software Defined Nerwork	Ravindra.S	Indian Journal of Computer Science and Engineering (IJCSE)	2020	1	1	Assistant professor

Deployed over an IOT Ecosystem					
			View Uploaded File		

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	13	0	0
Presented papers	1	0	0	0
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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
International Yoga day	NSS	10	50
plantation	NSS	5	40
teachers day	NSS	5	150
Independence day	NSS/YRC	5	20
Republic day	NSS/YRC	4	30
International womens day	YRC/NSS	5	50
Environmental day	YRC/NSS	6	20
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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
Best project selection	I prize	ISTE	1
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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 activites	Number of students participated in such activites
International Yoga day	NSS/YRC	yoga and meditation	10	50
plantation	NSS	plantation by teachers and students	5	40

teachers day	NSS/YRC	celebration of teachers day	5	150
International womens day	YRC/NSS	womens day	5	50
Independence day	YRC/NSS	Independence day celebration	5	20
Republic day	YRC/NSS	celebration of republic day	4	30
Environmental day	YRC/NSS	plantation	6	20

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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
nil	nil	nil	0

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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	industries for internship	Uniq Technologies /096001 14466	07/01/2020	07/02/2020	3
Internship	Industries for internship	RAJESH ENGINEERING WORKS/080 4840 2443	04/07/2019	03/08/2019	12

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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
nil	01/08/2019	nil	0

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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
225	237.26

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIB soft	Fully	10.0	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Books	11111	3000000	0	600000	11111	3600000
e-Journals	1681	3000000	0	600000	1681	3600000

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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
nil	nil	nil	01/08/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	465	330	27	31	21	22	34	50	0
Added	20	5	3	2	4	2	4	50	0
Total	485	335	30	33	25	24	38	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

e-journals, vtu consortium	https://cecb.mapmyaccess.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 incurredon maintenance of physical facilites
24	17	3	1.41

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)

Service rules contains all policies and procedures Quality Policy: City Engineering College committed to provide quality education to the students enabling them to excel in the fields of Science, Engineering, Technology and Management to cater to the changing and challenging needs of society and industry through various policies with the following initiatives • Enhancing the competence of the faculty to a very high level and to make them adopt all modern and innovative methods in teaching-learning process • Inculcating moral and ethical values among the students and staff • Collaborating with industry, other institutions and organizations for mutual benefit E-Governance Policy: In order to provide simpler and efficient system of governance within the institution, it is decided to adopt and implement e-governance in maximum activities of our functioning. The institution has already started with e-governance in some aspects of functioning like library, accounts, etc. But, now we have resolved to implement e-governance in many more areas and with this aim in view we have drafted this policy framework. RECRUITMENT PROCEDURE AND PROMOTIONAL POLICIES. Advertisement: Posted in leading News Papers and in the College website for possible recruitment as per AICTE norms. Applications: The applications along with the Resume and supporting documents will be Verified by the HR department. Listing: Eligibility list will be prepared based on Qualification and Experience. Merit List: Applications are segregated as per the Departmental requirements. Expert Body: An expert panel is constituted with Special officer, Principal, HOD, subject expert and a University nominee as members. Call Letters: Eligible Candidates will be notified to attend the interview on the scheduled date and time. Test Conduction: Screening test will be conducted and the candidates are short listed based on the performance. Demo Sessions: Each candidate is required to give the demo sessions on the subject of their interest using chalk and talk /PPT to assess the subject knowledge and teaching skills. Interview: Face to face discussions with the candidates will be done with the panel of Experts. Selection: A final selection list in the order of merit will be prepared based on the performance. Orders: Appointment Orders are issued to selected candidates. Duty report: Selected Candidates are required to report to the duty as per the Order issued. Admission Policy: Admission policy at City Engineering College, Students from Karnataka as well as students from other states and countries are welcome, irrespective of caste, creed or religion. Admitted the candidate has to provide the following documents • 10th marks sheet, 12th std mark sheet • Documentary evidence if belonging to a special category • Passing certificate for eligibility if from outside Karnataka. • Migration certificate required for getting eligibility certificate

http://cityengineeringcollege.ac.in/pdf/CEC_SERVICE_RULES.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	sc/st/obc/kmdc	404	10126255
b)International	nil	0	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 implemetation	Number of students enrolled	Agencies involved
Yoga,meditation training	19/09/2020	110	Sri Sri ayurvedic college, Bangalore
Quantitative aptitude	03/02/2020	180	Department of Mathematics,CEC
soft skill development	05/08/2019	189	7th sense, JP Nagar 2nd phase Bengaluru-560068
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Career and Counselli ng Cell	218	156	156	54
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
M/S. Klimart PVT	20	4	M/S. Infosys	20	6

Ltd.,	

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	3	BE	CV	Presidency University, Bangalore Institute of Tech, Thirumalai engg college	M.Tech
2019	2	BE	MECH	US	MS
2019	3	BE	CSE	US	MS
2019	4	BE	EC	Presidency University,Chalmers University of Technology, Buffalo University	MBA, MBA, Mtech,MS

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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
NET	0
SET	0
SLET	0
GMAT	0
CAT	0
GATE	0
GRE	0
TOFEL	0
Civil Services	0

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

Activity	Level	Number of Participants
sports activity	intracollege	350
cultural activity	intracollege	300
Ideathon	intracollelge	100

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	nil	National	0	0	nil	nil

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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)

Active students council exists at CEC. Every class consists of two nominated representatives who are a part of maitaining class descipline and normally reports to class teachers. Class Teachers in turn reports academic matters to respective counselors and HODs.Every department includes student representatives in the forums for active participation. City Engineering College gives priority towards intellectual learning and to attain that class representatives are been formed from each section. The class representatives interact with the concern teacher about academic activities and are allowed to take part in addressing student's needs. The student representatives ensures in smooth functioning of the class and coordination with all Head of the Department's, faculty and students. The students develop a responsible attitude to maintain a pleasant educational atmosphere in the institute. The student representatives are educated by the faculty regarding antiragging and monitor in retaining a ragging free environment in the institution. The faculty are assisted by the student representatives in maintaining discipline in the institution, which includes classrooms, corridors, laboratories, sports ground, canteen and other common areas used by the students. The student representatives along with the faculty motivate the students to participate in different service programs in the institution like Blood Donation Camp and Swach Barath. The student representatives motivate the students to participate in indoor and outdoor games like cricket, volley ball, basket ball, chess, table tennis and caroms. The students with the help of the faculty organize activities like Teachers' day, Annual day, and Engineers' day. Page 53/85 24-01-2019 10:49:13 Self Study Report of CITY ENGINEERING COLLEGE The student representative plays a vital role in Departmental activities such as conduction of seminars, conferences and workshops. The student representatives involve themselves in events such as college day, Independence day, Republic day and various national festivals. They also actively participate in formation of Sports committee, cultural committee and magazine committee. The college provides ample avenues for developing technical skills, updating knowledge, personality development and service to the society through such student representatives. Administrative Bodies such as SC/ST and OBC cell, Alumni Association, NSS, RED-CROSS, Department level forums and Conference organizing committee does include student representative for effective functioning

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

CEC has a Registered and Functional Alumni Association:The name of the Association shall be "CITY ENGINEERING COLLEGE ALUMNI ASSOCIATION" Herein after referred to as CECAA. The registered Office of the CECAA shall be located at City Engineering College campus, Doddakalasandra, Off Kanakapura Main Road, Bangalore – 560 061, Karnataka, India, herein after called the institute.The working hours Association shall be 9.00am to 5.00pm. The jurisdiction of the Association shall be Bengaluru only. In these Rules Regulations the context

otherwise means: a) Act: Means, The Karnataka Societies Registration Act, 1960 (Karnataka Act No. 17 of 1960) b) Association: Means "CITY ENGINEERING COLLEGE ALUMNI ASSOCIATION". c) Course of Study: Means Under Graduate or Post Graduate courses conducted in the Institution / College. d) Executive Committee: Means the Executive Committee constituted under the rule 8.0 Funds: Means "Funds of the Association deposited in a separate account in the name of the Association". e) Financial Year: Means "the period commencing from 1st April and ending with 31st March of next year". f) General Body: Means "the General Body consisting of all the members". g) Institute: Means includes City Engineering College, Doddakalasandra, Off Kanakapura Main Road, Bengaluru, affiliated to VTU approved by AICTE. h) Meeting: Means "meeting of the Executive Committee or General Body or Special General Body held periodically from time to time". i) Member: Means "Members of the Association comprising all life members". j) Office Bearers: Means "the President, Vice President, Secretary, Treasurer members". k) President: Means "President of the Association". l) Secretary: Means "Secretary of the Association". m) Treasurer: Means "Treasurer of the Association". n) Association: Means "CEC ALUMNI ASSOCIATION". o) Vice President: Means "Vice President of the Association who shall preside over the meetings in absence of President". MEMBERSHIP: CECAA shall have the following categories of members. i. Life members. ii. Honorary members. LIFE MEMBERS: The following individuals shall be a Life Member: Those who receive a Degree on successful completion of various full time courses offered by CEC on payment of prescribed membership fee from time to time. HONORARY MEMBERSHIP: Apart from the individuals mentioned in 5.1 the following individuals may be granted honorary membership of Association for a period decided by the Executive Committee: i. All the past Principals of the Institution. ii. All retired faculty who have served the Institute for more than ten years. iii. Persons who have rendered distinguished service to the cause of Technical Education. iv. Persons who have exhibited Excellence in Industries/RD organizations. v. Persons who have contributed to social Causes. vi. All the faculty members who are not the alumni of the institute shall be honorary members of CECAA till such time they hold their offices. The Development of CEC due to Alumni contribution has been non-financial. Last two years, the Alumni Association has been insignificantly contributed to placement opportunities. The institution has a very active alumni cell with a full fledged Alumni Officer. The alumnus forms the major strength of the institution. The Alumni Association was formed in the year 2016.

5.4.2 – No. of enrolled Alumni:

272

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

272000

5.4.4 – Meetings/activities organized by Alumni Association :

The institution has an active registered Alumni association, the registration is renewed every year. The members meet at least once in a year and discuss all the issues pertaining to the development of the institution both academically and otherwise. The alumni participation basically is in areas of identifying the gaps between the levels of learning within the campus and the levels of learning expected by the industry. The institution arranges lectures by alumni in different departments so that the students can be motivated to prepare themselves for careers in an environment of global competition. Alumni team does CSR activities every year.

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)

At City Engineering College, Academic activities are decentralized programme wise but are in tune with the Academic administration by the Principal and VTU stipulations. Members of the faculty participate in meetings by the Principal and Governing council. The institution is headed by the Principal who is responsible for the overall development of the Institution and execution of Academic activities in tune with the expectations of the Statutory and Governing bodies. Vice-Principal supports principal for handling First year responsibility and arranging CIE and SEE exams. Independently, Heads of the Departments (HODs) are handling defferent programmes to achieve academic goals and to administer regulations set by the affiliating body from time to time. Head of the departments are responsible for over-all functioning of the respective department. HODs shall audit and report academic performance of faculty from time to time.As a measure of Decentralisation, each HOD is provided with rupees one lakh for spending on department contigencies such as repair, maitainance and purchases of equipments. Under the head-ship of Principal,we have decentralized the powers among Administrative Officer, Executive Officer and Special Officer who share administrative works concerning the college. AO executes the work related to administration, budgeting, accounts and responsible for development of the infrastructure. Executive Officer is responsible for image building of the college by planning and executing strategy of overall development of the college, to use the available resources in a constructive manner, to look after staff welfare, to assist in financial decision making and to co-ordinate and to report to principal regarding any developments. Special Officer is held responsible for placement activities of the college, to organize activities which will be beneficial for the growth of the college, to look into student welfare, to coordinate with HOD's to conduct guest lecturers and to organize field visits, is mainly Page 58/85 24-01-2019 10:49:15 Self Study Report of CITY ENGINEERING COLLEGE responsible in maintaining hospitality and for human relation development. Over all, all with the different assigned duties to work in coordination for the development of the institution. All these make sense for Decentralization and Participative Management.

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
Library, ICT and Physical Infrastructure / Instrumentation	The digital library has been reinforced with the latest version of soft ware LIB SOFT by replacing the computers with the older ones. Digital content under licence is continued by renewing the licence annually. Computer laboratory for first year students is being revamped with new computing systems and furniture. The laboratories in computer Science and Information Science engineering departments have been furnished with more computers. A Language laboratory for practicing communicative English has been established during the academic year

Research and Development	The institution is engaged in research and development with one VTU approved research centres to facilitate faculty to pursue research activities and executing sponsored projects. Apart from the approved research centres, the institution has established centres of excellence to facilitate both the faculty and the students to pursue research activities. Students in particular can work on current technology through mini-projects and experiments in identified areas beyond the coverage of the syllabus thereby they acquire the knowledge/skill by doing. Students are motivated to enrol and engage in learning. The miniprojects and the final year major projects are exhibited on a Project Exhibition Day named as Battle of Science(for first year) and Open day(higher semester) every year. The alumni and industrialists are invited to evaluate the projects to reward the select projects. Further mini projects can be taken up by the faculty and students in emerging areas of technology. Specific research labs in the department of mechanical engineering have been established to conduct research work in specific areas
Examination and Evaluation	The institution has adopted an Outcome Based Education (OBE) system. The faculty set the question papers as per Booms taxonomy evaluate the levels of examination questions set by the university for Semester End Examination (SEE) and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy. Also the faculty in each subject supplement the content together with assignments to be completed by students to augment the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry. To administer uniformity for conduct of internal assessment tests which incidentally would be accountable for measurement of Course Outcomes

	attainments and hence Program Outcome attainments, a system is to conduct of university semester end examinations has been implemented in this academic year
Admission of Students	Prospective bright PU / 12th students are provisionally admitted by merit scholarship. Students are selected through competition and counselled by eminent academicians and industry on learning process and advantage skills. Valuable fee concession is offered which improves admission quality. Students admit through CET, COMEDK and also managment QUOTA. All-round significant improvement in Teachinglearning process, research, and infrastructure launched to showcase the improved brand image of the engineering programme. For improving the quality of incoming fresher, bridge courses in mathematics, physics and communicative English are being conducted as a process to augment the perceived gap between PU / 12th and engineering prerequisites. Target students are identified through a competency level test.
Industry Interaction / Collaboration	The institution continues to propagate industry connect through Technical talks / Invited seminars . We do organize Industry visits / tours in every department. Evaluation of Students' project work /internships is regularly done and faculty helps and give guidance to do the best.
Human Resource Management	As a part of Quality Improvement programme, review and enhancement of HR policies and procedures of the institution has been completed and an updated and comprehensive HR framework would be in place before the beginning of the academic year 2019-20.
Teaching and Learning	CITY ENGINEERING COLLEGE AQAR 2018-19 is as per Guidelines of IQAC .The institution follows the outcome based education(OBE). The institution has been following student centric teaching and Learning methods for the past four years. The faculty continuously improve the delivery system by adapting the PDCA (Plan, Deliver, Check, Act) cycle. The faculty identifies outcomes to be realized by the students after completing the course. They thoroughly design the delivery content, student

participation activities and the assignments to be completed by the students during the semester for every subject. Then they go about implementing their plan to the last detail. A continuous evaluation of the progress made by the students has been adopted. As a part of continuous evaluation process three internal assessment tests are conducted apart from other methods of evaluation by the faculty.. The innovative practice aims at active learning process of the students by involving them to come preprepared with concepts to each and every class, participate in group learning inside the classroom facilitated actively by the faculty in a series of pre-planned steps. The innovative exercise has been implemented. The implementation has been limited to only few specific subjects on an experimental basis. every faculty across the institution follows OBE the institution has set its goal to get accreditation by NBA.

| Curriculum Development | The curriculum is prescribed by the University Visvesvaraya Technical University (VTU). The curriculum undergoes a revision once in four years. During the course of its revision the institution encourages our faculty members to contribute to enrich the curriculum. This is carried out by communicating to the university during the process of preparing and finalising the revised / new curriculum. Feedback by the alumni once a year as well as the students during the final year of their course is taken into consideration by the institutions. The consolidated recommendations are forwarded to the university to be used in enlarging, enriching and updating the content to meet the current trends in the industry. |

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

E-governace area	Details
Administration	Organisation Structure of the Institution, Functional statutory committees and Service rules. The City Engineering College Organisation Structure is well defined with the Governing Body at its apex. The Governing Body is headed by Hon.Chairman Dr.K.R.Paramahamsa,

	supported by Vice Chairman Smt.Geeta paramahamsa, Vice-president Ms.Monika Kalluri and Executive Vice-president Rahul Kalluri. This is followed by Governing Council which includes, the Principal City Engineering college as Ex- officio Member Secretary, the Director,DTE Karnataka,VTU Nominee and the AICTE Nominee. Regular GC meetings are held as per norms.to review progress of the developmental issues undertaken, to discus new proposals and to ratify decisions taken earlier in the interest of the organisation. The Administrative set-up is headed by Principal and is supported by Viceprincipal, HODs, Administrative officer, Executive officer and Special officer. The Vice Principal HODs support PRINCIPAL for Academic functions and Officers support for Administrative functions. Various Statutory Committees such as AntiRagging Committee, Grievance Redressal Committee, Anti- Sexual Harrassment committee and SC/ST OBC Committee are actively functioning in the Institution to take care of Student and Staff grievances and to establish Social justice from time to time. Service rules are established in the Institution which clearly defines every parameter of Service related issue. The service rules are updated from time to time depending on the changing norms by statutory bodies or special inclusions as suggested by GB/GC of the organisation.The Service rules are laid down detailing procedures governing recruitment, leaves, confirmation, desciplinary actions,resignation and retirement for Faculty and Staff of City Engineering College.. The service rules for Promotional Policy are as per AICTE stipulations from time to time.The City Engineering College has lodged a dynamic Grievance redressal Mechanism where Students and Staff can interact with grievance redressal committee or Principal online through college portal.The ERP online systen is active and functioning well as a valuable tool for academic administration
Examination	The institution has adopted an Outcome Based Education (OBE) system. The faculty set the question papers as per Booms taxonomy evaluate the levels

	of examination questions set by the university for Semester End Examination (SEE) and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy. Also the faculty in each subject supplement the content together with assignments to be completed by students to augment the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry. To administer uniformity for conduct of internal assessment tests which incidentally would be accountable for measurement of Course Outcomes attainments and hence Program Outcome attainments, a system is to conduct of university semester end examinations has been implemented in this academic year. Principal and Vice Principal look after the process with the help of HODs
Student Admission and Support	Prospective bright PU / 12th students are provisionally admitted by merit scholarship. Students are selected through competition and counselled by eminent academicians and industry on learning process and advantage skills. Valuable fee concession is offered which improves admission quality. Students admit through CET, COMEDK and also managment QUOTA. All-round significant improvement in Teachinglearning process, research, and infrastructure launched to showcase the improved brand image of the engineering programme. For improving the quality of incoming fresher, bridge courses in mathematics, physics and communicative English are being conducted as a process to augment the perceived gap between PU / 12th and engineering prerequisites. Target students are identified through a competency level test. Management supports for build the image branding. Admission team works on the admission work under the guidance of Principal

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
2019	nil	nil	nil	0
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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	nil	nil	01/08/2019	01/08/2019	0	0
View File						

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
Building information modeling "BIM" Software.	5	26/09/2019	26/09/2019	1
Faculty Development Program for Student Induction (FDP-SI)	5	17/06/2019	19/06/2019	3
Become Expert in Python Programming	5	03/06/2019	03/06/2019	1
Completed Training on "IPR amp Technology Transfer"	3	26/02/2020	27/02/2021	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
9	10	3	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health insurance	Health Insurance PF	Accident Insurance

6.4 – Financial Management and Resource Mobilization

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

The institution conducts financial audits every year since from its inception. The audit is carried out by experienced and renowned Chartered accountants and their firm. This year the audit was conducted by RKSM AND ASSOCIATES, the registered firm with Firm registration Number 022096N. Mr. Rajkishor Prasad, partner and chartered accountant of the firm has signed audit report for the year 2017-18. The chartered accountant of the firm has mentioned in his report of the audit that: We have examined the balance sheet of the college and income expenditure account for the year ended on that date (31/03/2018) which are in agreement with the books of accounts maintained by the said institution. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of the audit. In our opinion proper books of accounts have been kept by the above named institution so far as appears from our examination of the books. In our opinion and to the best of our information and according to the information given to us the said accounts give a true and fair view. Every year the college has received Acknowledgement from the Indian Income Tax Department. There are no pending audit objections from the Income Tax Department as of now. There are no pending objections related to Tax, Interest, TDS, etc.., from the Indian Income Tax Department till today.The periodical internal audits are conducted by the auditors i.e.,by RKSM AND ASSOCIATES, the registered firm with Firm registration Number 022096N. Mr. Rajkishor Prasad, partner and chartered accountant of the firm guides the college staff in conducting the internal audit which is a continuous process.

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
VTU	40000	student project

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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	VTU-affiliating University	Yes	Principal, VicePrincipal,
Administrative	Yes	Auditor-Rajkishore Prasad	Yes	Principal ,VicePrincipal and HODs

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

Parents teacher meeting, feedback, Counselling

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

Teaching Aid kit for children of support staff, Uniform for support staff, Provident fund

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

Infrastructure development- Microcontrolled lab development, Software renewal for EC dept. E-Shikshana, E-Learning centre Online classes, Webinars

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
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
2019	Placement training	11/09/2019	11/09/2019	21/09/2019	220
2019	Seminar on IOT	13/09/2019	13/09/2019	13/09/2019	205
2019	Technical talk on Building information modelling	26/09/2019	26/09/2019	26/09/2019	50
2019	Guest lecture on data analytics	21/11/2019	21/11/2019	21/11/2019	200

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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
International Womens day	08/03/2019	08/03/2020	55	25
Women's Empowerment Day	08/03/2019	08/03/2019	250	0

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
TOTAL ANNUAL REQUIREMENTS 112020 KWH Annual power requirement met by the renewable energy sources (in KWH)24456 Percentage of power requirement of the University met by the renewable energy sources 5160/2445621.1

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	400
Rest Rooms	Yes	450
Ramp/Rails	Yes	300

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	2	2	10/09/2019	2	Engaging PGs with students Free college bus, College display board	transport facility raised by parents, requirement of college board	250

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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)
Constitution of India, Professional Ethics and Human Rights (CPH	10/09/2019	MODULE- I Introduction and Basic Information about Indian Constitution MODULE- II Union Excutive and State Excutive MODULE- III Elections, Amendments and Emergency Provisions Module- IV Constitutional Provisions/ Local Administration/ Human Rights MODULE- V Professional / Engineering Ethics

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga day	19/06/2020	19/06/2020	150
Independence day	15/08/2020	15/08/2020	150
Engineers' Day	15/09/2020	15/09/2021	200

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

Green Practices:1.Solar lights fixed in the campus 2. Plantation in the campus 3.Students, staff using a) Bicycles b) Public Transport c) Pedestrian friendly roads 4. Plastic-free campus 5.Paperless office • 6.Green landscaping with trees and plants 5 Pedestrian Friendly roads: The Institute has pedestrian paths on both the sides of the road within the campus. Plastic free campus: The institute has taken steps for not using plastic in the campus. Instructions have been given to canteen to not use plastic. Students are also informed not to use and throw plastic material during lunch hours. Our students have collaborated with NGO named "Way of life" for Swachh Bharath campaigns and clean the surroundings in and around Bangalore. Paperless office: Salary, circulars and fee collection is done online, so paperless office. The instructions have been given to all the departments to avoid using the paper and taking necessary steps to send all the circulars by email. The instructions have been given to all the staff members for uploading notes, assignments, model questions to the ERP-PupilPod. The students have been given ERP log-in so that they can access to all the notes, assignments and model questions on-line. This helps to students to avoid taking copies of the notes, assignments and model questions. The college gives emphasis on paperless office to save carbon footprint due to printers.Green landscaping with trees and plants: Entire campus of the college has been made green by planting trees and plants. By this, the green campus concept offers the City Engineering College to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. Tree Plantation is done every year through NSS. The college has nurtured number of trees of different variety

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Innovative club 2.Engineering Museum 3.Display of earlier projects RP Software:A well-managed data centre implemented with the "Pupilpod" software. This software has been developed to improve the overall academic performance of students by actively involving parents and teachers alike in theprocess.To facilitate easy access of the students' details such as, attendance, internal marks, timetable etc., to parents and students.To establish instant communication between college, student and parents through alerts andmessages.To give the HOD / Principal / Parents a bird's eye view of the progress of all the students. Pupilpod - It helps to connect, the three pillars of institution, the students, the teachers and theparents at the click of a button.All the students details, attendance, University results and internal marks, assignments, timetable etc., are maintained through this software.Students and Parents can access these details using a login ID provided to them. Parents can stayupdated about their ward'sProgress through SMS and e-mails.Parents can interact with HOD/Principal about their wards through this software solution.Well informed and well-connected parents and teachers.Improvement in attendance and IA performance by students..The major challenge involved was gathering and assimilation of large amount of relevant student data before the software could be activated.The other challenge was creating awareness among students and parents and motivating them tostart using Pupilpod actively.The required resources involved significant amount of investment in terms of money, computers to support the software, a high speed internet connection and of course the team of teachers to updatethe relevant information on daily basis. PROCTOR/ MENTOR SYSTEM: The following have been introduced in all the departments. This helps in:Enabling overall development of the student. Helping students to resolve their difficulties (both in academic and non-academic).Counselling students on areas apart from academics.Fostering good student teacher relations.It also helps the students in settling down within the new system and helps in achieving and performing

better.This system leads to a healthier student teacher relationship and a better learning environment onthe campus.Every Teacher / Proctor has 15 to 20 students under him/her.A proctor diary is maintained for each student which contains the data with respect to details suchas internal marks, academic history. Once a month a proctor meeting is conducted at a scheduledtime.During this meeting, the proctor holds one to one interaction with the student. The proctor tries tocounsel not only in academic areas but also on other aspects of student problems. Any specific problems of the students are noted down and addressed. The proctor discusses withthe HOD regarding problems faced by the student to find the solution.Feedback from students and parents during parent teacher meeting are testimony to the success ofthis program. In some cases mentorship by faculty has certainly helped students to overcome their shortcomings and perform reasonably well in their academics.It requires continuous updates of the activities of the students, their marks, attendance etc., thoughthese can be easily obtained, the students themselves sometimes refuse to communicate with the proctor.Sometimes it takes effort for the proctor to encourage students to communicate, to be able to guide them

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

http://cityengineeringcollege.ac.in/naac.html

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

VISION Making Remarkable Contribution by Disseminating Knowledge on Emerging Trends in Engineering and Technology through various Programmes,Innovation and Research so as to excel in Quality both at National and International level and to provide Career Guidance Training for Employment. MISSION M1: To Encourage Knowledge Acquisition and Foster Innovation and Research. M2: To Prepare Students for Immediate Employment, which leads to Technological and Social – economical growth. M3: To Provide Guidance for a Productive career.under various Programmes Performance of the Institution Distinctive to its Vision,Priority and Thrust. The Institution is performing to fulfil Disseminating Knowledge on Emerging Trends in Engineering Technology. The Institution has been in existance for the last 17 years graduating 13 batches of students under four different programmes. The curriculum revision has taken place five times since the inception of the first batch in 2001-2002. Every revision has seen addition of a number new courses based on the emerging trends in Technology and addition of new Labs. All the Manual Drawing Subjects that were in curriculum earlier got converted in to Computer Aided Engineering Drawing. New Application programmes such as SOLID EDGE was introduced. More of Modeling and Simulation based courses and Labs are introduced. More electives based on the advances in respective programmes were introduced. More value added courses such as Constitution of India, Professional Ethics, Human values and Page 82/85 24-01-2019 10:49:26 Self Study Report of CITY ENGINEERING COLLEGE Environment Science were introduced. More of thrust was given to Student Projects and Internships. Innovative projects are encouraged by the Institution which are evident from the number of KSCST funded and VTU funded Students Projects. More distinctive of City Engineering College is the Student Project Exhibitions catering to Innovative needs of Student Community. Our Institution's Quality Objectives are: 1.To provide an opportunity to the student community for learning through recent resources. 2.To inculcate carrier link domain skills for higher studies, entrepreneur and employment. 3.To have zeal for continuous improvement. 4.To develop good leadership activities and good human being for nation building. 5.Institute seeks to inculcate moral and ethical values among students and staff. All the departments of college have

conducted certificate courses and training programmes in the subjects which are not in our curriculum. These training and certificate courses are conducted by the established and qualified trainers. These students have been given certificates for having taken the training programmes. These training courses mainly useful for the students in their future career. This will achieve our vision and mission – M1, M2 M3

Provide the weblink of the institution
http://cityengineeringcollege.ac.in/naac.html

8.Future Plans of Actions for Next Academic Year

In future, we want to create a top class learning environment comparable with best in the world universities by gradually acquiring the status of university.Planning to provide more ICT facilities to students and faculty members which helps the students to get lesson plan, notes and videos. To encourage faculties to publish their research only in the reputed journals with good impact factor and Scopus index. To enhance the research activities in the campus. Use of technology (MOOCs, NPTEL) for enhancing the learnability coefficient (self-pace)of the graduates.Collaborative efforts with the industry personnel for enhancement of learning levels of the graduates.. Establishment of Interdisciplinary research teams to work in niche areas in collaboration with industry and research organisation.