



YEARLY STATUS REPORT - 2020-2021

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 its own campus?	Yes
• Phone no./Alternate phone no.	08022560314
• Mobile no	9480560140
• Registered e-mail	principal@cityengineeringcollege.ac.in
• Alternate e-mail	cityengineering123@gmail.com
• Address	City Engineering College, Doddakallasandra, Beside Gokulam Apartments, Off Kanakapura road, Bangalore-61.
• City/Town	Bengaluru
• State/UT	Karnataka
• Pin Code	560061
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Visveshwarya Technological University				
• Name of the IQAC Coordinator	Dr.Jyothi.P				
• Phone No.	9448336498				
• Alternate phone No.	6366418866				
• Mobile	9448336498				
• IQAC e-mail address	naac17@cityengineeringcollege.ac.in				
• Alternate Email address	cityengineering123@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://cityengineeringcollege.ac.in/aqar.php				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://cityengineeringcollege.ac.in/crit1.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.58	2019	01/05/2019	30/04/2024
6.Date of Establishment of IQAC			09/01/2019		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
kscst	state	vtu	2020	20000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	11	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1.webinars 2.Encouraging the students to use open course contents like NPTEL, apps like EDMODO, CLASS MAKER, BACKBOARD, MOODLE and other such materials. EDUSAT CDs which help students to engage in e-learning activities. Google Class room, Flip class helps the students to get motivated in learning 3.Expert lectures are organized by the respective faculty to bridge the gap between the curriculum and industry requirements 4.Digital Medium of instruction (PPTs, Videos) is used in classrooms, seminars and laboratories. 5. Mentoring</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
Conduction of tutorial classes for the improvement of results	Improved performance
Effective mentor system	Improved performance in counselled students
Upgradation of technical skills of staff members by sending to conferences, workshops	Results in up gradation of knowledge
webinars	learnt many new matters
13.Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Nil	Nil
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2019	28/02/2019
15.Multidisciplinary / interdisciplinary	
<p>As per VTU syllabus open electives are introduced in each department and open electives will be the subjects based on other department. Students are learning other department related subjects and updating their knowledge towards other disciplinary. We gave the freedom to Students to take up projects based on interdisciplinary subjects which helps the students to upgrade the knowledge in othe disciplinary subjects.</p>	
16.Academic bank of credits (ABC):	
<p>Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. We advised our students to register in the ABC portal so that It will enable students to open their accounts and give multiple options for entering and leaving colleges or universities. Information is given to all</p>	

students regarding this and to maintain their credits earned in each semester. There will be "multiple exits" & "multiple entries" points during the higher education tenure & credits will be transferred through the ABC seamlessly. Increases the student's freedom in choosing their courses and academics. Enables the student to drop out in any year and then exchange the credits earned so far with a certificate/diploma if they are eligible. They can redeem the credits and rejoin the same or any other institute in the future and continue their education.

17.Skill development:

To improve the skill development program CEC registered under KARMA which is recommended by AICTE . Under KARMA , registered under Vidyanjali portal and Mr.Mallikarjun is nominated as officer for the following program. User id and password for karma is 1-5837611, CEC@2022vtu

Vidyanjali--C-1307 and password RZW354@;(wej

Alco CEC registered under parakh which is recommended by AICTE

Userid is principal@cityengineeringcollege.ac.in

password: AE@cec047153

Yet to receive enquiries for the program specified in the trades

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

Our University started B.E course in kannada regional medium. Our institution yet to take B.E courses in our college. Planning to take B.E course in kannada medium in future years.

As a part of Indian culture we celebrate festivals like Ayudha pooja ,Ganesh pooja,Saraswathi pooja, Lakshmi pooja in our campus.

Students and faculty take online courses like Yoga, Music, instrumental music as well as softskill development courses to upgrade their knowledge

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

Emphasis of outcome-based education (OBE) system is on quantifying what the students are capable of doing and learning outcomes of the students is one of the key components. Course Outcomes are the statements indicating knowledge and skills the student is expected

to acquire at the end of a course. Program outcomes represent the knowledge, skills and attitudes the students should have at the end of program. Program outcomes can be directly measured through course outcomes. The outcome-based education model is based on defining various parameters called as Graduates Attributes (POs).

Course outcomes are defined by the parent University while structuring the Course Outcome (CO) Course outcomes are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course. Generally three or more course outcomes may be specified for each course based on its weightage. Program is defined as the specialization or discipline of a Degree. It is the interconnected arrangement of courses, co-curricular and extracurricular activities to accomplish predetermined objectives leading to the awarding of a degree. Program Outcomes (POs) Program outcomes are narrower statements that describe what students are expected to be able to do by the time of graduation. POs are expected to be aligned closely with Graduate Attributes. Program Educational Objectives (PEOs) The Program Educational Objectives of a program are the statements that describe the expected achievements of graduates in their career, and also in particular, what the graduates are expected to perform and achieve during the first few years after graduation. Program Specific Outcomes (PSO) Program Specific Outcomes are what the students should be able to do at the time of graduation with reference to a specific discipline.

20.Distance education/online education:

During covid, online classes taken through google meet, zoom apps and students are able cope up with coaching and exams are also conducted through google classroom. All faculty uploaded the subject notes, question banks, question papers in google classroom. Students used to write the answers, scan and send it back to google classroom.

Extended Profile

1.Programme

1.1

6

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

File Description	Documents
Data Template	View File

2.Student

2.1 685

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 124

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

File Description	Documents
Data Template	View File

2.3 247

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 110

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2 10

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	6
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	685
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	124
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	247
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	110
File Description	Documents
Data Template	No File Uploaded

3.2	10
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	57
Total number of Classrooms and Seminar halls	
4.2	150
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	465
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The 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 preliminary IQAC meeting where all the HODs present their PPTs on results analysis, remedial measures, activities planned, academic and budget requirements for the coming semester. Principal discusses 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 procuring 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.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://docs.google.com/document/d/14AzQ25xPK8oxT0zKfV6S-8hWgyOcX2vF/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true

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

Every semester CEC prepares calendar of events based on VTU prescribed activity. In HOD's meeting dates of CIE will be decided and it will be mentioned in the calendar and it will be displayed in the noticeboard and circulate to all HOD's and faculty members. Calendar of events will be uploaded in college website too. the link of that isAs 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. 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

<http://cityengineeringcollege.ac.in/crit1.php>

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cityengineeringcollege.ac.in/crit1.php

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

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

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

6

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

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

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

0

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

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

0

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

1.3 - Curriculum Enrichment

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

The curriculum of Engineering department includes subject related to Professional Ethics at third year level viz. College has also organized various personality development programs through placement cell to make a responsible and good citizen of a nation. Issues relevant to Environment and Sustainability - Our parent university has made Environmental Science as a compulsory credit course for all U.G. Third Year students. In the course study, students get introduced to Ecology, Ecosystem, Natural Resource Conservation and Management, Biodiversity conservation and learn Environmental Pollution Control Technology. While teaching the topic, the importance of use of Solar energy over the conventional sources is emphasized.. Considering growing percentage of carbon in the environment, college is promoting stringent pollution control norms by conducting frequent Green Audit of the college campus by finding out carbon percentage in the college environment. For Green initiatives at our college campus, we have organized plantation, clean India activity, swatch Bharath Abhiyan etc. Solar lights are used in the campus as green initiative.

https://docs.google.com/document/d/1vLS4tI_336EYNY-kNA-GZzAkmsY2kB4_/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

4

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

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

247

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution **A. All of the above**

from the following stakeholders
Students
Teachers
Employers
Alumni

File Description	Documents
URL for stakeholder feedback report	https://docs.google.com/document/d/1aUYMG1PICbjyq0CYTzwijs5lEW2Wp8bv6/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://drive.google.com/file/d/1yOijl_kA1_lquq0SkRN_Os9n1cdXKIY7D/view?usp=sharing

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

109

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

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

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

88

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

2.2 - Catering to Student Diversity

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

Assessment of learning outcomes: At the start of the year, assessments are conducted to identify students who are academically behind and those who are advanced. Different Departments have developed methods for determining students' learning levels. Organizations try to evaluate your degree of understanding and interest in the topic between students. Results and grades are yet another factor for evaluating the educational levels. Other requirements include participation in a programme for internships participation at occasions where projects are showcased placement with internship agencies An effort for advanced students Level of engagement and passion during class discussion aids in screening. ability to take part in, engage in, and Dissertation and article are made available to those with a desire to study book and film reviews additional reading. Encouraged to register the courses in NPTEL.

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

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

Number of Students	Number of Teachers
687	111

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The college has been focusing on innovative and creative ways of disseminating, sharing, and facilitating knowledge development in students, adopting student-centric methods which are central to Outcome-Based Education (OBE).

Course Delivery Methods

Group discussions

Seminars/Mini projects

Technical Reports/ Case studies

Simulations and experimental exercises

Lab experimental work

Class Assignments/Quizzes

Individual learning

E-learning tools like NPTEL videos, SWAYAM, Coursera, IIT Bombay - Spoken Tutorial Project, etc. to let students learn independently and enhance classroom learning.

Encouraged to enroll and get certification for add-on online courses for self-paced learning.

Experiential learning

- Student-centric learning is provided in the practical sessions to apply concepts learned in the classroom.
- Internships/ Vocational training.
- Final Year group Projects, Technical Fest and Workshops.
- Short Visit to nearby industries/labs

Participative /collaborative learning

Exhibiting at intra-college, state, and national project competitions and technical festivals for R&D projects Invited talks by experts and alumni from the industry and academia.

MOUs are signed with leading industries to bridge the gaps in the curriculum.

Problem-based learning promotes students' critical thinking to find solutions in real-life situations. Faculty also maps the learning outcomes from the above initiatives.

File Description	Documents
Upload any additional information	View File
Link for additional information	nil

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

T

- The institute always aims to provide up-to-date ICT infrastructure for its students, professors, and technical personnel. The students' learning experiences are enhanced by the teachers' use of educational technologies and the effective usage of ICT-enabled tools.
- Institute has dedicated digital classrooms for all programs with the use of multimedia teaching aids like LCD projectors, internet-enabled computer/laptop systems, and the teacher's use the modern teaching aids.
- Institute has nine smart classrooms and ICT enabled with projectors & wifi.
- Internally created an online examination system accessible by students via LAN or the internet.
- Grooming/communication skills/Mock tests are conducted using ICT-enabled tools.
- The library subscribes to a large number of e-journals in Engineering, Science, Management and provides access to online and offline databases.
- Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library / NPTEL local chapter office on the campus.
- The entire academic process is managed by the university's integrated academic management system. The institute has also implemented an ICT-based student admission and payment

system for semester and hostel fees.

- Two seminar halls and two auditoriums are equipped with multimedia facilities.

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

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

2.3.3.1 - Number of mentors

46

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

2.4 - Teacher Profile and Quality

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

111

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

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

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

11

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

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

2.4.3.1 - Total experience of full-time teachers

854

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

2.5 - Evaluation Process and Reforms

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

Institute prepares its own academic calendar well before the semester commences based on the University's Academic Calendar. These include completion of syllabus coverage and CAS (Component Analysis of Students) for theory, PCAs(Principal Component Analysis of Students) for sessional and laboratory papers. Changes in schedules, patterns, and methods are communicated to students forthwith via online class briefings and Notifications. Syllabus for the test is communicated to students by class teachers well in advance.

- Internal assessment for theory and lab papers is done through Continuous Assessments (CA1, CA 2, CA 3, CA 4 & PCA 1, PCA 2). The institute has prepared standard formats for question papers depending upon the type of the subject based on Course Outcomes (COs) for Continuous Assessment (CA). Departmental question paper moderation committees evaluate the quality of question papers and coverage of the entire COs in the CAs.
- Institute has implemented digital evaluation of semester-end examination papers, which has helped in speeding up the evaluation process and increasing transparency. Students can raise about any discrepancy found in the assessment. Adoption of the above method ensures the complete transparency in the system of internal assessment, strengthens the bond between faculty and students. The Institute's examination system is thus completely transparent.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The Central Examination Cell is supervised by a faculty member chosen by the authorities. Institute carefully adheres to the affiliating University's norms at the time of conducting Internal Tests and Semester Exams,

All CA and PCA marks for Theory, Practical and Sessional are uploaded into the University portal . After publication of the results, a student can apply for Post-Publication Scrutiny (PPS) and Post-Publication Review (PPR).

Viva-voce and lab copy evaluations are explained in front of students to keep the process transparent and minimize grievances. Project Seminars are held in Google Meet/Seminar Halls in front of the entire class ensure complete transparency in internal assessment.

The Examination Cell, in close collaboration with the University, deals with any student grievances regarding Admit Cards, Registration Cards, etc. Any exam malpractice is reported to the Examination Cell and dealt with as per University guidelines

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

- Institute follows the outcome-based education following Bloom's Taxonomy guidelines of NBA.
- PSOs are identified after detailed deliberation with the stakeholders and are placed at prominent places including the labs and offices. The College is following the COs specified by the university, NBA guidelines are followed.
- The POs, PSOs, and COs are disseminated through Institute Website, Prospectus, Course file, Departments, Laboratories, etc. As a part of the Induction Programme, Institute appraises about POs, PSOs, and COs, and other academic details to the fresh batch of students of respective academic programs. Each Course Outcome is mapped to Program Outcomes in terms of relevance. Three levels of relevance are based on the degree of correlation i.e. 1 for low, 2 for medium, and 3 for high correlation. The contribution of course to each PO is expressed in terms of the average relevance of COs mapped to that particular PO. Similarly, the value computed for all the courses including first-year courses is entered for the corresponding PO and PSOs. The agreed-upon COs form the basis for achieving POs and PSOs and thus contributing towards achieving the Mission and Vision of the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

1. Course Outcome Attainment is computed for all the theory, practical courses, including Seminar, Project Work, Elective Courses and Audit Courses.

2. For theory courses following assessment tools are considered a. Internal test b. Quiz

c. Assignments/ Problem Solving d. Seminar e. Programming Skill Test

3. For practical / oral / tutorial courses following assessment tools are considered a. Internal continuous assessment of lab work b. Mock practical / oral (Rubrics to be defined). c. Mock Seminar (Rubrics to be defined) d. Project Work (Rubrics to be defined)

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

2.6.3 - Pass percentage of Students during the year

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

237

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

2.7 - Student Satisfaction Survey

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

http://cityengineeringcollege.ac.in/downloads/SSS_survey_report_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

0

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

3.2 - Innovation Ecosystem

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

INNOVATION CLUB: DEPARTMENT OF CSE holds To engage students in innovative and creative activities apart from providing opportunities for Hands-on activities, The College has set up Basic Technology Lab integrated with all the departments as part of Innovation and Research to promote students to get a platform to present their ideas and innovative thoughts.

DEPARTMENT OF CIVIL ENGINEERING: The College has many resources available on campus that act as catalyst to improve Innovation & Entrepreneurship among students of different courses. To nurture the entrepreneurial, creative and innovative skills of the students- various workshops, competitions, technical talks and incubation centers have been set up where students get inspired to become a social-entrepreneur or techno entrepreneur.

BEST PRACTICE RESTORING OF OLD PROJECTS FOR FUTURE DEVELOPMENT

Mechanical Department promotes embedment of latest technology possibility in old student's projects towards proper project adaptation, further improvement and possibility of cost cutting. The best projects are investigated by industry experts and based on their advice projects would be restored.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1znVvRDVEtoyRuVWx4cP4VSM5tOgXiLWZ/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true

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

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

0

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

3.3 - Research Publications and Awards

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

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

6

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

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

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

22

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

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

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

0

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

3.4 - Extension Activities

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

Environmental day, Swatch Bharath Abhiyan, Covid test activity, vaccination drive, Plantation, Webinars on environmental protection were organized by NSS and YRC unit of City Engineering

College. Covid test, plantation and Vaccination drive were conducted for neighborhood community too. Swachh Bharath Abhiyan, webinars were organized to sensitize our students to social issues. In Orientation of first year classes webinars were conducted to create an awareness about environmental protection and how to lead healthy life and human values and ethics

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xxs2yIjASOF_9KeSsptZRMgpeBrLP_cz/view?usp=sharing
Upload any additional information	View File

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

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

0

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

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

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

6

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

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

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

350

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

247

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The College includes a well maintained lush green campus spread over around 6 acres of land .The college is situated in the heart of the city with easy access for Metro and bus facility.

Classrooms: The college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes and for group discussions.

Seminar Hall: The College has three seminar halls. These halls are regularly used for conducting Various activities other than teaching like workshops, seminars, project exhibition, cultural activities etc. The students are promoted for active involvement in paper presentations, group discussions, etc.

Laboratories: All the laboratories are well equipped with latest equipments as per the requirements prescribed by the university to conduct all the experiments for various semesters. Labs have sufficient licenced software and open source tools as per requirements.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 100 mbps.

Central Library: Our central library is divided into three sections, one is digital library second is separate section for reading and studying and third is well organized reference section. There is a separate section for journals and news paper.

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

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

The College has sufficient facilities for students to participate in cultural activities, sports and games. There is a dedicated Cultural and sports committee constituting of both faculty and students to support various cultural and sports activities.

Outdoor Games: A spacious play ground is available for outdoor games like Cricket, Football, Volleyball, Basketball, throwball etc.

Indoor Games: Facilities for the indoor games like Badminton, Table Tennis, Chess, Carrom, etc. are provided for students in the college campus.

Seminar Hall: The College is having a modern, well equipped seminar hall conducting cultural activities.

Cultural Activities: Every year college organizes an Annual cultural Function called KALARAVA, where students participate in many cultural activities.

Annual Sports Competition: College organizes inter college and intra college annual sports competition.

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

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

11

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1B_9aIZS4NcGHq5WoE2PiEx5xjxfzJgNY/view?usp=sharing
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

39.97

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

4.2 - Library as a Learning Resource

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

Yes. The library is fully automated with since 2010. Currently

LIBSOFT is used as Integrated Library Management System.

Version : 12

The Timings of library : 8.30 AM to 5.30 PM

The library functions on all the Saturdays from 8.30 AM to 3.00 PM and is closed on Sundays.

Library OPAC (Online Public Access Catalogue) can be accessed through the internet.

Books transactions are done during the working hours.

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

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

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

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

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

6.40

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

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

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

95

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

DESKTOP COMPUTER DETAILS

No

DESKTOP CONFIGURATION

MAKE

YEAR OF PURCHASING

NO. OF COMPUTERS

1

Dell

CPU

Core I5, 7th generation

2017

2017

40

Disk Drives

1 TB

Memory

8GB ram

2

Lenovo (All in One)

CPU

Dual core

2012

2012

40

Disk Drives

320 GB

Memory

2 GB ram

3

Acer

CPU



I3 4th Generation

2015

2016

180

Disk Drives

500 GB

Memory

4 GB

4

HP

CPU

I3 4th Generation

2016

2016

180

Disk Drives

500 GB

Memory

4 GB

5

Dell

CPU

PowerX core I5 11 generation



2021

2021

40

Disk Drives

512 GB NVME SSD

Memory

8 GB

TOTAL

480



PRINTER DETAILS

NO.

PRINTER SPECIFICATION

MAKE

TYPE

YEAR OF PURCHASING

NO. OF PRINTER

1

HP 136A

HP

Laser Jet

2021

4

2

EPSON INK TAG

EPSON

INK JET

2021

1

3

HP LASER JET M1005

HP

Laser Jet

2017

2

4

HP LASER JET M1136

HP

Laser Jet

2012

4



5

HP LASER JET

HP

Laser Jet

2011

11

6

EPSON INK A3

EPSON

INK JET

2018

1

7

LEXMARK

LEXMARK

HEAVY DUTY LASER JET

2021

2

TOTAL

25



PROJECTOR DETAILS

NO.

PROJECTOR SPECIFICATION

MAKE

YEAR OF PURCHASING

NO. OF PROJECTOR

1

VIEWSONIC

VIEWSONIC

2020

6

2

BENQ

BENQ

2015

2

3

ACER

ACER

2014

2

4



VIEWSONIC

VIEWSONIC

2018

3

TOTAL

13

SCANNER DETAILS

NO

SCANNER

SPECIFICATION

MAKE

YEAR OF PURCHASING

NO OF SCANNER

1

CANON

CANON

2010

1

Total

1



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

4.3.2 - Number of Computers

480

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

39.97

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

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

Infrastructure facilities : Infrastructure facilities are maintained centrally with a team of members of engineers, plumbers, electricians , gardener and carpenter.

Optimal utilization : optimal utilization of classrooms , labs and seminar halls is done by having the time table .

Computers and equipments : Repairs and maintenance of computers and equipments are done regulary every year.

Health and hygiene : House keeping staff maintains the cleaniliness and hygiene within the campus. First aid box is available in main office and department.

Library : Institute maintain effective utilization of library by keeping track of the books in the library and purchase of new books if required for the academic year.

Sports : The physical director takes care of the sports activity in the campus. Annual sports meet are conducted and the students are encouraged to participate in the physical activities.

Security : campus has CCTV cameras fixed around the office, principal chamber, class rooms , labs and corridors. Cameras are also fixed in the class rooms to avoid the malpractice during the examinations .

Internet facility : High speed internet facility is provided through wi - fi to all the students in the campus

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

312

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

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

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

0

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

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

138

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

138

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

138

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

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

5.2.2.1 - Number of outgoing student progression to higher education

4

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

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

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

0

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

5.3 - Student Participation and Activities

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

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

Nil

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

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

The Student coordinators help in maintaining academic discipline and rigour. They are assigned special tasks during co-curricular, extra- curricular and sports activities. They also help in

coordinating the Alumni and Current students' festival and entrepreneurship event. Members of the Students Council perform a proactive role during Inter Collegiate Events and Competitions related to Sports, Academics, Co-Curricular and Extra-Curricular activities such as Annual Sports Day, Annual Prize Distribution Program, Cultural activities and Competitions, Annual NSS, NCC Republic Day Parade, Science Exhibition (Battle of Science) organized in the College. Besides this Students also assist in organizing Project exhibition that was conducted at national level. Various colleges took participation in the event and got monetary benefits for the best projects.

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

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

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

Nil

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

5.4 - Alumni Engagement

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

Alumni association is registered for our institution City Engineering College to create awareness for the budding engineers via passed out previous students and providing a platform for

employability and entrepreneurial skills amongst youth by collaborating with the college for various events so as to bridge the gap between academia and corporate. Very regularly the Annual Alumni Meets are organized by the college where huge number of old students participate enthusiastically and share their experience with the younger ones and give valuable guidance towards their future opportunities.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Response:

VISION

Making Remarkable Contribution by Disseminating Knowledge on Emerging Trends in Engineering and Technology through various Programmes, Innovations and Research so as to Excel in Quality both at the National and International level and to provide Career Guidance & Training for Employment.

MISSION

M1. To encourage Knowledge Acquisition and Foster Innovation & Research. M2. To Prepare Students for Immediate Employment, leading to Technological and Socio-economical growth. M3. To Provide Guidance for a Productive Career under various programs.

The mission statements map to program outcomes of VTU and are also

mapped to the course outcomes of the courses taught in all the semesters. Faculty members write course objectives and outcomes which are circulated to all the students in their lesson plans. The course outcomes are evaluated at the end of each semester and are mapped to program outcomes at the end of the program. The departments follow well-defined teaching-learning processes and assessment mechanisms to achieve attainments. The academic Audit committee at the Institutional and Department levels ensures the proper delivery of the course content and assessment.

The Management and Administration provide adequate freedom to faculty in strengthening the teaching-learning process, academic advancement, and nurturing ethics and social responsibilities. Any suggestions from the lowest level are conveyed to the next higher level in the hierarchy. Suitable strategies and action plans are prepared and disseminated appropriately. The above hierarchical architecture ensures that the governance of the institution is reflective and aligned with the vision and mission of the institution.

File Description	Documents
Paste link for additional information	http://cityengineeringcollege.ac.in/
Upload any additional information	No File Uploaded

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

City Engineering College, Academic activities are decentralized programme-wise but are in tune with the Academic administration by the Principal and VTU stipulations. 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. They are responsible for overall functioning of the respective department. HODs shall audit and report the 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 contingencies such as repair, maintenance and purchases of equipment. Executive Officer and Special Officer who share administrative works. AO executes the work related to administration, budgeting, and accounts and is responsible for the development of the infrastructure. The executive Officer is

responsible for image building of the college through strategic plans, looking after staff welfare, assisting in financial decision making, and coordinating with HOD's.

Overall, level-wise hierarchy with the different assigned duties to work in coordination for the development of the institution.

All these contribute for Decentralization and Participative Management.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Blended learning and assessment: 2020-21 being the pandemic year, Institution has taken a lot of measures to ensure effective course delivery and the safety of the students and faculty. To ensure effective course delivery, apart from regular online/offline classes

Benefits of method: Easy to access content 24/7. Opportunity for self-study
Effectiveness of method: Students, particularly slow learners, were able to grasp concepts significantly better after seeing recorded videos multiple times.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	nil
Upload any additional information	No File Uploaded

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

The functioning of the following Institutional bodies is effective and is visible through the existence of the Policies listed below:

Institutional Bodies:

1. Governing Council
2. Academic Council
3. Finance Committee
4. Board of Appointment
5. Board of Examination
7. IQAC
8. Academic Audit Committee
10. Admission Committee
11. Library committee

And other committees include Grievance Redressal Cell, Student welfare & Anti Raging, ICCC, SC/ST/OBC Cell, Sports / NSS / NCC / Self Defence, and Cultural Committee.

The Roles and Responsibilities of the major Institutional Bodies is available in the document reference VTU/PS/2021-22/554 dated 04-05-2021 (available on the VTU website)

Policies followed:

Staff:

Service Rules

General Policy for consultancy and projects

Recruitment and promotion policy

Financial Power

Purchase Policy

Recognition and appreciations

Faculty Performance Evaluation

Research policy

Academic & Administrative Process

Student:

Admission Policy

Academic Policy

Examination Policy

Placement Policy

Scholarships

Skill Development Program Policy

PE Classes

Student Insurance

Kindly refer to the Institution website link for information on Service rules, and various committess

File Description	Documents
Paste link for additional information	https://vtu.ac.in/wp-content/uploads/2021/05/NOTIFICATION-05112021134741.pdf
Link to Organogram of the institution webpage	http://cityengineeringcollege.ac.in
Upload any additional information	View File

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

C. Any 2 of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching: .Leave benefits like casual leave, maternity leave, study leave, sick leave, etc. as per the Institute norms. Ph.D. pursuing faculty members are permitted to meet their guides on working days on need basis. Teachers are allowed to take on reduced workloads during the critical stage of their Ph.D. work. A proposal for Financial assistance to the staff for paper presentations has been submitted for approval Participation in conference/ FDP's/ workshops/ any training programs. Group insurance for faculty members is arranged by Management Non Teaching: Provident fund extended as per the government norms. Leave benefits like casual leave,, maternity leave, study leave, sick leave, etc. as per the Institutenorms. Uniforms provided

Refer to Service Rules given in Institution web site link

File Description	Documents
Paste link for additional information	http://cityengineeringcollege.ac.in/downloads/CEC_SERVICE_RULES.pdf
Upload any additional information	No File Uploaded

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

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

Online attended due to pandemic

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

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

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

3

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

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

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

36

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

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

Response:

The performance of each teaching faculty is measured through self-appraisal that includes all aspects of teaching-learning, research, publications, grants, and other supporting activities and involvement in Institutional activities.

The self-appraisal is submitted through a Google form. Student appraisal is also collected.

Both appraisals are integrated and informed to the faculty.

The faculties are advised if the situation demands.

On similar lines an appraisal collection is done for non teaching staff.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling

audit objections within a maximum of 200 words

The external 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 the audit report for the year 2020-2021. The contents are as follows:

"We have examined the balance sheet of the college and income expenditure account for the year ended on that date which is 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."

Received an acknowledgement from the Indian Income Tax Department. There are no pending audit objections. Also no pending objections related to Tax, Interest, TDS, etc., from the Indian Income Tax Department..

Internal audits were also conducted by the auditors i.e., by RKSM AND ASSOCIATES and found to be in order.

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

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

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

0.4 lakhs

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

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

Response:

CEC is a Self-financing institution. The main source of income is student fees.

Resource mobilization is also carried out by the following means:

1. Students fees
2. Interest on corpus fund

Optimum utilization of funds is ensured through:

- Adequate funds are allocated and utilized for effective teaching-learning practices that include Orientation Programmes, Workshops, Inter-disciplinary activities, training programs, and Refresher Courses that ensure quality education.
- The budget is utilized to meet day-to-day operational and administrative expenses and maintenance of fixed assets.
- Enhancement of library facilities needs to augment learning practices and accordingly, requisite funds are allocated and utilized every year.
- Adequate funds are utilized for the development and maintenance of the infrastructure of the Institute.
- Apart from the perpetual licenses the other software are regularly renewed with the respective vendors utilizing adequate funds.
- Some funds are allocated for social service activities as part of social responsibilities through Charities/ Donations NSS, NCC, Nature club activities, and scholarships.

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

6.5 - Internal Quality Assurance System

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

Response:

Since its inception, IQAC has been performing the following tasks on a regular basis:

- Improvement in quality of teaching and research by regular inputs based on feedback received from all concerned stakeholders.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic Audit and analysis of results for improvement in areas found lagging.

Two practices institutionalized as a result of IQAC initiatives for the academic year 2020-2021

1) MoUs, Moocs Courses, innovative teaching practices and implementation of blended learning especially online course delivery through ZOOM, Google Meet, and Microsoft Teams, and videos created on YouTube for class lectures during the pandemic.

2) Enhancement of Industry-Institute linkages through MOUs.

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

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

Response:

The following incremental improvements at the Institution put forth by IQAC.

1. Introduction of AIML subjects in all branches of Engineering:

IQAC suggested the inclusion of AIML subjects in all branches of engineering as these are important and in demand in Industry.

Efforts are on to include these subjects as content beyond syllabus from the academic year 2021-22

2. Introduction of life skills, liberal and creative arts subjects under humanity and implement as per NEP

3. Visibility of CEC to the Public (Branding)

Aligning with the new norm, IQAC intends to employ social media platforms to usher in a brand culture by effectively using whatsapp, Facebook, Instagram, and LinkedIn.

4. To introduce Tinkering labs for courses that require practical knowledge from the ensuing academic year.

5. To build a repository of Video recordings of theory and lab courses from an application perspective for students to aid the TLP.

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://docs.google.com/document/d/15FqC8gJwQWnng6-1ez1anEIoX2lFuHDK/edit?usp=sharing&ouid=116513726730326353373&rtpof=true&sd=true
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

At the start of each academic year, the college arranges an induction programme for both staff and students.

The Induction Program educates workers and students about their legal rights, as well as obligations.

Moral conduct and responsible actions: Induction explains what is expected of staff and students.

All mandatory committees like Grievance cell, Internal Complaints Cell, Anti Ragging cell, Anti Sexual Harassment Cell are active and functioning with inclusive representation of women in all important Committees.

There is also a committee appointed to plan and execute activities to familiarize and implement code of conduct and ethical behaviour.

We have also organized online guest lecture especially for girl students & Lady faculty on 'International Women's Day'. Equal opportunity is given to Lady faculty in higher positions.

Security cameras are installed at the college entrance and premises for safety and security of everyone in and around the campus.

There is a Girls' Common Room, with dedicated wash rooms having sanitary napkin vending and incinerating machines. A female attendant caters to needs here.

entrance, CCTV Cameras and an alert staff ensuring discipline. dedicated wash rooms having sanitary napkin vending and incinerating machines. A female attendant caters to needs here.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1uEdHY5fny-PTKdTBaGqYljNXe5Dgy-5u/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<p>a) SAFETY AND SECURITY Safety of girls and is a top priority at college campus. Nowadays, safe and supportive campus community is both an obligation and a challenge for college administrators and students. Institute provides a comprehensive range of security amenities especially for girls within the premises, through a dedicated team of security personnel. It is a common phenomenon that most of the outstation students enrolling for different courses come out of their homes and cities for the first time in their life. It is therefore of utmost importance for institutions to provide them a comfortable and safe ambience of „feel at home? within the campus. Our Institution gives safety and security for girl students both physically and mentally. Some of the physical safety and security measures or initiatives taken by the institution are: CCTV Installation in and around the campus, Ambulance, Security near the gate, inside the campus and at hostel gate to ensure the safety and well-being of both the students and the staff. Also we have some Physical safety like First aid box and Fire Extinguisher in all the laboratories and main places. Moreover, a program like "Women?s Safety &</p>

	<p><u>rights " is organized to create awareness not only amongst the students but also for female faculty members. This is the possible way some positive change can be brought about regarding safety and well-being of girls inside the college campus.</u></p> <p><u>b) Safety measures are taken by the counsellors, female faculties who would closely watch the students during college hours, female faculties in hostel would closely watch the students, assist the students in case of any emergency. c) COMMON ROOMS There is a common room for girl students with carts where they can rest themselves if they are sick and they can also utilize the room to relax and to sit and prepare for their exams, etc.,</u></p>
--	---

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

C. Any 2 of the above

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

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

The Institution takes initiative for the management of wastes which is generated within its campus.

The college has different dustbins provided at various location to segregate the different wastes like wet waste and dry waste.

As college is situated in centre location all waste, solid waste, liquid waste etc are disposed through BBMP disposal arrangement.

The most common solid waste is dry fallen leaf's, which is allowed to decompose in place to enrich the soil quality.

Old blue books, records and various papers are segregated and disposed at regular intervals.

For E-waste Management, the College segregates old computers, batteries and wires and dispose them at regular intervals.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus E. None of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: D. Any 1of the above

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

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

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

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

C. Any 2 of the above

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

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

A. Any 4 or all of the above

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

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

City Engineering college consists of students and faculties who are drawn from different religions.

The College always encourages the students to organise and participate in different programmes organised by college, intercollege or university to make them aware towards cultural, regional, linguistic, communal and socio-economic diversities.

The various festivals celebrated in college are Ganesh Chaturthi, Kannada Rajyotsava, Onam, Christmas, Dussehra, Holi, Independence Day, republic day Etc

Cultural programmes on the Annual Day Celebration and Orientation day are organized to lay much emphasis on the diverse Indian Culture.

College permits students to wear attire as per their religion and emphasises the college dress code in certain area like Labs and formal presentations.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The College undertakes various efforts to sensitize the students and employees of the Institution of their constitutional obligation.

At the start of each academic year, the college arranges an induction programme for both staff and students.

The Induction Program educates workers and students about their legal rights, as well as social obligations.

The Principal of the College delivers an Orientation Lecture to the new batch of students to make them aware of the core values, rights, duties and responsibilities of citizens

National festivals, like Independence Day and Republic Day are actively celebrated with activities engendering enthusiasm and national pride.

Curriculum has subjects such Constitutional of India and Professional Ethics taught in 3rd semester.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.vturesource.com/vtu-syllabus/CS/2018/3/18CPC39
Any other relevant information	Nil

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

A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

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

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

National and International commemorative days, events and festivals celebrated by college are:

Republic day - A program is organized celebrating the Republic day

Independence Day-A program is organized to celebrate Independence Day

Women's day celebration-Every year 8th March is celebrated by various programmes on women empowerment.

World Environment Day: Every year world environment day is celebrated by a brief talk by principal and later planting of saplings. Here members of NSS also participate actively

Teachers Day- Students organize programmes for the teachers to celebrate the Birth anniversary of DrSarvepalliRadhakrishan.

Kannada Rajyotsava:Program is organized to celebrate Kannada Rajyotsava

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

1. INNOVATION CLUB

To engage students in innovative and creative activities apart from providing opportunities for Hands-on activities, The College has set up Basic Technology Lab integrated with all the departments as part of Innovation and Research to promote students to get a platform to present their ideas and innovative thoughts. The College has many resources available on campus that act as catalyst to improve Innovation & Entrepreneurship among students of different courses. To nurture the entrepreneurial, creative and innovative skills of the students- various workshops, competitions, technical talks and incubation centers have been set up where students get inspired to become a social-entrepreneur or techno entrepreneur. The students of civil engineering have done few models during inter-college model exhibition. Best 3 models are kept as part of innovation club.

2 .MONTHLY MAGAZINE ``TECH SANGRAM`` - DEPARTMENT OF COMPUTER SCIENCE

The department of Computer science and engineering has started Monthly Technical Magazine ``TECH SAMACHAR`` under the CORE club of the department to conduct technical activities. Tech Samachar is particularly important as it encourages the students to share the knowledge they have acquired. Writing articles for the Newsletter also improves the communication skills of the budding engineers of the Computer Science and Engineering Department.

File Description	Documents
Best practices in the Institutional website	https://docs.google.com/document/d/15FgC8gJwQWnng6-1ez1anEIoX2lFuHDK/edit?usp=sharing&ouid=116513726730326353373&rtpof=true&sd=true
Any other relevant information	<p><u>ENGINEERING MUSEUM - DEPARTMENT OF CIVIL</u> <u>As per VTU, all Civil Engineering Departments should have a "CIVIL ENGINEERING MUSEUM" with collections related to civil engineering like models, charts, material samples, fixtures and fittings etc. which assist effective teaching learning process. In order to enhance effective teaching learning process, Department of Civil Engineering, City Engineering College has setup Museum which consists of models, charts, material samples, fixtures and fittings etc. 3.</u></p> <p><u>SEMINAR BY STUDENTS All the departments have been intensively practising the methods of giving seminars by students related to academics and technical sources. A seminar is a group meeting led by an expert that focuses on a specific topic or discipline, such as business, job searches or a university field such as literature. Seminars typically take place over the course of a few days and involve cooperative discussion, multiple speakers and opportunities to share perspectives and issues related to the topic. Attending a seminar has numerous benefits, including improving communication skills, gaining expert knowledge, networking with others and renewing motivation and confidence.7.</u></p> <p><u>WEBINARS FROM THE DEPARTMENTS The online event activity of imparting technical knowledge is done through webinars and has been practising in all departments. • Department of E&C has conducted webinar on April 5th 2021, on topic "Embedded system and IOT" and resource person Dr.</u></p>

Basavaraj D Kudamble highlighted the introduction of embedded system and application . • Department of ME has conducted Webinar Titled "Electronics for Engine Control" organised by hosted by Wulken motors, Speaker Dr Nanda kumar M B 06-06-2020. Secondly, a webinar on "Employable skill sets required in core mechanical industries" Organised by Kriatec services on 6th May 2021. Thirdly, Webinar Titled " Electronic fuel Injection" hosted by Wulken motors, Speaker Dr Nanda kumar M B on 9-10-2020. • Department of CSE has conducted webinar Titled "Data Analytics Enroute AI & ML" by resource person Ravi Patil held on 27 June 2020. The department also organised webinar Titled "Defence in depth approach to secure Web Applications on AWS cloud" by resource person Vivek Sidde Gowda, Aurigo Software Technologies Ltd., Bangalore on 12th June 2021. Recently a Webinar titled "Carving Your Career - From the Prospective of Corporate world" by resource person Nithin, Bishchay and Meghana, Talent Serve held on 8th July 2021. • Department of Civil engineering has conducted Webinar titled "Demand and Supply in Construction Industry" by Resource person "Dr. Sanjay Govind Patil, AMITY University, Mumbai held on 5th January 2021. The department recently conducted Webinar on "Green Technology for improving the biodiversity in Lalbagh Lake- Case Study" held on 26th June 2020. The department organised Webinar Titled "Employability Skills and Competencies" by Resource Person by V. Ashwatha Ramaiaha, held on 1st June 2021. As part on National Service scheme the department has organised a webinar Titled "World Environment Day 2021" held on 5th June 2021 by Resource Person Dr. N.T. Manjunath, UBDT, Davangere.ERP SYSTEM A well-managed data centre implemented with the "System Information System (SIS)"

software. This software has been developed to improve the overall academic performance of students by actively involving parents and teachers alike in the process. 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 and messages. To give the HOD / Principal / Parents a bird's eye view of the progress of all the students. System Information System (SIS) - It helps to connect, the three pillars of institution, the students, the teachers and the parents 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 stay updated about their ward's Progress 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 to start using System Information System (SIS) 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 update the relevant information on daily basis. ERP is software which is used by faculties, students and parents. It is useful for updating attendance on daily basis, uploading internal marks, notes,

study materials, lesson plan, and syllabus of the particular subjects. Parents and students are receiving the regular messages regarding their absence, notifications of the college activities, marks, notes, study materials, question banks, old question 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. Regular college events can be updated in the software and send SMS both students and parents. Faculty details are uploaded in the software, and timetable can upload & subject mapping to the faculties can be done in the beginning of the semester. Entire program of software was framed and installed by Prof. Vivekavardhana Reddy, faculty in department of computer Science, City Engineering College in the year 2019.

7.3 - Institutional Distinctiveness

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

The College has provided tremendous thrust and priority to its Program of Diversity Inclusion and Integration - an area distinctive to the Vision of the College. The Vision of the College is to educate, enable and empower young women as well as male persons and students.

Under its Diversity Inclusion and Integration Program during COVID-19 special classes for awareness and vaccination camps for staff and citizens. Students were given more time to pay their college fees as approved by the management

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The 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 preliminary IQAC meeting where all the HODs present their PPTs on results analysis, remedial measures, activities planned, academic and budget requirements for the coming semester. Principal discusses 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 procuring 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.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://docs.google.com/document/d/14AzQ25xPK8oxT0zKFV6S-8hWqyOcX2vF/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true

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

Every semester CEC prepares calendar of events based on VTU prescribed activity. In HOD's meeting dates of CIE will be decided and it will be mentioned in the calendar and it will be displayed in the noticeboard and circulate to all HOD's and faculty members. Calendar of events will be uploaded in college website too. the link of that isAs 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. 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

<http://cityengineeringcollege.ac.in/crit1.php>

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cityengineeringcollege.ac.in/crit1.php

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

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

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

6

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

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

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

0

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

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

0

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

1.3 - Curriculum Enrichment

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

The curriculum of Engineering department includes subject related to Professional Ethics at third year level viz. College has also organized various personality development programs through placement cell to make a responsible and good citizen of a nation. Issues relevant to Environment and Sustainability - Our parent university has made Environmental Science as a compulsory credit course for all U.G. Third Year students. In the course study, students get introduced to Ecology, Ecosystem, Natural Resource Conservation and Management, Biodiversity conservation and learn Environmental Pollution Control Technology. While teaching the topic, the importance of use of Solar energy over the conventional sources is emphasized.. Considering growing percentage of carbon in the environment, college is promoting stringent pollution control norms by conducting frequent Green Audit of the college campus by finding out carbon percentage in the college environment. For Green initiatives at our college campus, we have organized plantation, clean India activity, swatch Bharath Abhiyan etc. Solar lights are used in the campus as green initiative.

https://docs.google.com/document/d/1vLS4tI_336EYNy-kNA-GZzAkmsY2kB4_/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

work/internship during the year

4

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

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

247

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://docs.google.com/document/d/1aUYMG1PICbjyq0CYTzwijs1EW2Wp8bv6/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://drive.google.com/file/d/1yOijl_kA1lquq0SkRN_Os9nlcdXKIY7D/view?usp=sharing

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

109

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

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

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

88

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

2.2 - Catering to Student Diversity

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

Assessment of learning outcomes: At the start of the year, assessments are conducted to identify students who are academically behind and those who are advanced. Different Departments have developed methods for determining students' learning levels. Organizations try to evaluate your degree of understanding and interest in the topic between students. Results and grades are yet another factor for evaluating the educational levels. Other requirements include participation in a programme for internships participation at occasions where projects are showcased placement with internship agencies An effort for advanced students Level of engagement and passion during class discussion aids in screening. ability to take part in, engage in, and Dissertation and article are made available to those with a desire to study book and film reviews additional reading. Encouraged to register the courses in NPTEL.

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

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

Number of Students	Number of Teachers
687	111

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The college has been focusing on innovative and creative ways of disseminating, sharing, and facilitating knowledge development in students, adopting student-centric methods which are central to Outcome-Based Education (OBE).

Course Delivery Methods

Group discussions

Seminars/Mini projects

Technical Reports/ Case studies

Simulations and experimental exercises

Lab experimental work

Class Assignments/Quizzes

Individual learning

E-learning tools like NPTEL videos, SWAYAM, Coursera, IIT Bombay - Spoken Tutorial Project, etc. to let students learn independently and enhance classroom learning.

Encouraged to enroll and get certification for add-on online courses for self-paced learning.

Experiential learning

- Student-centric learning is provided in the practical sessions to apply concepts learned in the classroom.
- Internships/ Vocational training.
- Final Year group Projects, Technical Fest and Workshops.
- Short Visit to nearby industries/labs

Participative /collaborative learning

Exhibiting at intra-college, state, and national project competitions and technical festivals for R&D projects Invited talks by experts and alumni from the industry and academia.

MOUs are signed with leading industries to bridge the gaps in

the curriculum.

Problem-based learning promotes students' critical thinking to find solutions in real-life situations. Faculty also maps the learning outcomes from the above initiatives.

File Description	Documents
Upload any additional information	View File
Link for additional information	nil

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

T

- The institute always aims to provide up-to-date ICT infrastructure for its students, professors, and technical personnel. The students' learning experiences are enhanced by the teachers' use of educational technologies and the effective usage of ICT-enabled tools.
- Institute has dedicated digital classrooms for all programs with the use of multimedia teaching aids like LCD projectors, internet-enabled computer/laptop systems, and the teacher's use the modern teaching aids.
- Institute has nine smart classrooms and ICT enabled with projectors & wifi.
- Internally created an online examination system accessible by students via LAN or the internet.
- Grooming/communication skills/Mock tests are conducted using ICT-enabled tools.
- The library subscribes to a large number of e-journals in Engineering, Science, Management and provides access to online and offline databases.
- Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library / NPTEL local chapter office on the campus.
- The entire academic process is managed by the university's integrated academic management system. The institute has also implemented an ICT-based student

admission and payment system for semester and hostel fees.

- Two seminar halls and two auditoriums are equipped with multimedia facilities.

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

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

2.3.3.1 - Number of mentors

46

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

2.4 - Teacher Profile and Quality

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

111

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

11

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

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

854

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

2.5 - Evaluation Process and Reforms

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

Institute prepares its own academic calendar well before the semester commences based on the University's Academic Calendar. These include completion of syllabus coverage and CAS (Component Analysis of Students) for theory, PCAs(Principal Component Analysis of Students) for sessional and laboratory papers. Changes in schedules, patterns, and methods are communicated to students forthwith via online class briefings and Notifications. Syllabus for the test is communicated to students by class teachers well in advance.

- Internal assessment for theory and lab papers is done through Continuous Assessments (CA1, CA 2, CA 3, CA 4 & PCA 1, PCA 2). The institute has prepared standard formats for question papers depending upon the type of the subject based on Course Outcomes (COs) for Continuous Assessment (CA). Departmental question paper moderation committees evaluate the quality of question papers and coverage of the entire COs in the CAs.
- Institute has implemented digital evaluation of semester-end examination papers, which has helped in speeding up the evaluation process and increasing transparency. Students can raise about any discrepancy found in the assessment. Adoption of the above method ensures the complete transparency in the system of internal assessment, strengthens the bond between faculty and students. The Institute's examination system is thus completely transparent.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The Central Examination Cell is supervised by a faculty member chosen by the authorities. Institute carefully adheres to the affiliating University's norms at the time of conducting Internal Tests and Semester Exams,

All CA and PCA marks for Theory, Practical and Sessional are uploaded into the University portal . After publication of the results, a student can apply for Post-Publication Scrutiny (PPS) and Post-Publication Review (PPR).

Viva-voce and lab copy evaluations are explained in front of students to keep the process transparent and minimize grievances. Project Seminars are held in Google Meet/Seminar Halls in front of the entire class ensure complete transparency in internal assessment.

The Examination Cell, in close collaboration with the University, deals with any student grievances regarding Admit Cards, Registration Cards, etc. Any exam malpractice is reported to the Examination Cell and dealt with as per University guidelines

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

- Institute follows the outcome-based education following Bloom's Taxonomy guidelines of NBA.
- PSOs are identified after detailed deliberation with the stakeholders and are placed at prominent places including the labs and offices. The College is following the COs specified by the university, NBA guidelines are followed.
- The POs, PSOs, and COs are disseminated through Institute Website, Prospectus, Course file, Departments, Laboratories, etc. As a part of the Induction Programme, Institute apprises about POs, PSOs, and COs, and other academic details to the fresh batch of students of respective academic programs. Each Course Outcome is mapped to Program Outcomes in terms of relevance. Three levels of relevance are based on the degree of correlation i.e. 1 for low, 2 for medium, and 3 for high correlation. The contribution of course to each PO is expressed in terms of the average relevance of COs mapped to that particular PO. Similarly, the value computed for all the courses including first-year courses is entered for the corresponding PO and PSOs. The agreed-upon COs form the basis for achieving POs and PSOs and thus contributing towards achieving the Mission and Vision of the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

1. Course Outcome Attainment is computed for all the theory, practical courses, including Seminar, Project Work, Elective Courses and Audit Courses.

2. For theory courses following assessment tools are considered
a. Internal test b. Quiz

c. Assignments/ Problem Solving d. Seminar e. Programming Skill Test

3. For practical / oral / tutorial courses following assessment tools are considered
a. Internal continuous assessment of lab work b. Mock practical / oral (Rubrics to be defined). c. Mock Seminar (Rubrics to be defined) d. Project Work (Rubrics to be defined)

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

2.6.3 - Pass percentage of Students during the year

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

237

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

2.7 - Student Satisfaction Survey

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

http://cityengineeringcollege.ac.in/downloads/SSS_survey_report_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

0

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

3.2 - Innovation Ecosystem

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

INNOVATION CLUB: DEPARTMENT OF CSE holds To engage students in innovative and creative activities apart from providing opportunities for Hands-on activities, The College has set up Basic Technology Lab integrated with all the departments as part of Innovation and Research to promote students to get a platform to present their ideas and innovative thoughts.

DEPARTMENT OF CIVIL ENGINEERING: The College has many resources available on campus that act as catalyst to improve Innovation & Entrepreneurship among students of different courses. To nurture the entrepreneurial, creative and innovative skills of the students- various workshops, competitions, technical talks and incubation centers have been set up where students get inspired to become a social-entrepreneur or techno entrepreneur.

BEST PRACTICE RESTORING OF OLD PROJECTS FOR FUTURE DEVELOPMENT

Mechanical Department promotes embedment of latest technology possibility in old student's projects towards proper project adaptation, further improvement and possibility of cost cutting. The best projects are investigated by industry experts and based on their advice projects would be restored.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1znVvRDVEtoyRuVWx4cP4VSM5tOgXiLWZ/edit?usp=sharing&ouid=116513726730326353373&rtpof=true&sd=true

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

0

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

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

6

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

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

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

22

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

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

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

0

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

3.4 - Extension Activities

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

Environmental day, Swatch Bharath Abhiyan, Covid test activity, vaccination drive, Plantation, Webinars on environmental

protection were organized by NSS and YRC unit of City Engineering College. Covid test, plantation and Vaccination drive were conducted for neighborhood community too. Swatch Bharath Abhiyan, webinars were organized to sensitize our students to social issues. In Orientation of first year classes webinars were conducted to create an awareness about environmental protection and how to lead healthy life and human values and ethics

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xxs2yIjASOF_9KeSsptZRMgpeBrLP_cz/view?usp=sharing
Upload any additional information	View File

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

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

0

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

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

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

6

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

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

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

350

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

247

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The College includes a well maintained lush green campus spread over around 6 acres of land .The college is situated in the heart of the city with easy access for Metro and bus facility.

Classrooms: The college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes and for group discussions.

Seminar Hall: The College has three seminar halls. These halls are regularly used for conducting Various activities other than teaching like workshops, seminars, project exhibition, cultural activities etc. The students are promoted for active involvement in paper presentations, group discussions, etc.

Laboratories: All the laboratories are well equipped with latest equipments as per the requirements prescribed by the university to conduct all the experiments for various semesters. Labs have sufficient licenced software and open source tools as per requirements.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 100 mbps.

Central Library: Our central library is divided into three sections, one is digital library second is separate section for reading and studying and third is well organized reference section. There is a separate section for journals and news paper.

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

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

The College has sufficient facilities for students to participate in cultural activities, sports and games. There is a dedicated Cultural and sports committee constituting of both faculty and students to support various cultural and sports activities.

Outdoor Games: A spacious play ground is available for outdoor games like Cricket, Football, Volleyball, Basketball, throwball etc.

Indoor Games: Facilities for the indoor games like Badminton, Table Tennis, Chess, Carrom, etc. are provided for students in the college campus.

Seminar Hall: The College is having a modern, well equipped seminar hall conducting cultural activities.

Cultural Activities: Every year college organizes an Annual cultural Function called KALARAVA, where students participate in many cultural activities.

Annual Sports Competition: College organizes inter college and intra college annual sports competition.

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

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

11

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1B_9aIZS4NcGHq5WoE2PiEx5xjxfzJgNY/view?usp=sharing
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

39.97

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

4.2 - Library as a Learning Resource

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

Yes. The library is fully automated with since 2010. Currently

LIBSOFT is used as Integrated Library Management System.

Version : 12

The Timings of library : 8.30 AM to 5.30 PM

The library functions on all the Saturdays from 8.30 AM to 3.00 PM and is closed on Sundays.

Library OPAC (Online Public Access Catalogue) can be accessed through the internet.

Books transactions are done during the working hours.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

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

6.40

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

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

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

95

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

DESKTOP COMPUTER DETAILS

No

DESKTOP CONFIGURATION

MAKE

YEAR OF PURCHASING

NO. OF COMPUTERS

1

Dell

CPU

Core I5, 7th generation

2017

2017

40

Disk Drives

1 TB

Memory

8GB ram

2

Lenovo (All in One)

CPU

Dual core

2012

2012

40

Disk Drives

320 GB

Memory

2 GB ram

3

Acer

CPU



I3 4th Generation

2015

2016

180

Disk Drives

500 GB

Memory

4 GB

4

HP

CPU

I3 4th Generation

2016

2016

180

Disk Drives

500 GB

Memory

4 GB

5

Dell

CPU

PowerX core I5 11 generation



2021

2021

40

Disk Drives

512 GB NVME SSD

Memory

8 GB

TOTAL

480



PRINTER DETAILS

NO.

PRINTER SPECIFICATION

MAKE

TYPE

YEAR OF PURCHASING

NO. OF PRINTER

1

HP 136A

HP

Laser Jet

2021

4

2

EPSON INK TAG

EPSON

INK JET

2021

1

3

HP LASER JET M1005

HP

Laser Jet

2017

2

4

HP LASER JET M1136

HP

Laser Jet

2012

4



5

HP LASER JET

HP

Laser Jet

2011

11

6

EPSON INK A3

EPSON

INK JET

2018

1

7

LEXMARK

LEXMARK

HEAVY DUTY LASER JET

2021

2

TOTAL

25



PROJECTOR DETAILS

NO.

PROJECTOR SPECIFICATION

MAKE

YEAR OF PURCHASING

NO. OF PROJECTOR

1

VIEWSONIC

VIEWSONIC

2020

6

2

BENQ

BENQ

2015

2

3

ACER

ACER

2014

2

4



VIEWSONIC

VIEWSONIC

2018

3

TOTAL

13

SCANNER DETAILS

NO

SCANNER

SPECIFICATION

MAKE

YEAR OF PURCHASING

NO OF SCANNER

1

CANON

CANON

2010

1

Total

1



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

4.3.2 - Number of Computers

480

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

39.97

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

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

Infrastructure facilities : Infrastructure facilities are maintained centrally with a team of members of engineers, plumbers, electricians , gardener and carpenter.

Optimal utilization : optimal utilization of classrooms , labs and seminar halls is done by having the time table .

Computers and equipments : Repairs and maintenance of computers and equipments are done regulary every year.

Health and hygiene : House keeping staff maintains the cleaniliness and hygiene within the campus. First aid box is available in main office and department.

Library : Institute maintain effective utilization of library by keeping track of the books in the library and purchase of new books if required for the academic year.

Sports : The physical director takes care of the sports activity in the campus. Annual sports meet are conducted and the students are encouraged to participate in the physical activities.

Security : campus has CCTV cameras fixed around the office, principal chamber, class rooms , labs and corridors. Cameras are also fixed in the class rooms to avoid the malpractice during the examinations .

Internet facility : High speed internet facility is provided through wi - fi to all the students in the campus

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

312

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

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

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

0

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
138	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
138	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

138

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

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

5.2.2.1 - Number of outgoing student progression to higher education

4

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

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

government examinations)

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

0

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

5.3 - Student Participation and Activities

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

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

Nil

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

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

The student coordinators help in maintaining academic discipline and rigour. They are assigned special tasks during

co-curricular, extra-curricular and sports activities. They also help in coordinating the Alumni and Current students' festival and entrepreneurship event. Members of the Students Council perform a proactive role during Inter Collegiate Events and Competitions related to Sports, Academics, Co-Curricular and Extra-Curricular activities such as Annual Sports Day, Annual Prize Distribution Program, Cultural activities and Competitions, Annual NSS, NCC Republic Day Parade, Science Exhibition (Battle of Science) organized in the College. Besides this Students also assist in organizing Project exhibition that was conducted at national level. Various colleges took participation in the event and got monetary benefits for the best projects.

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

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

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

Nil

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

5.4 - Alumni Engagement

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

Alumni association is registered for our institution City Engineering College to create awareness for the budding engineers via passed out previous students and providing a platform for employability and entrepreneurial skills amongst youth by collaborating with the college for various events so as to bridge the gap between academia and corporate. Very regularly the Annual Alumni Meets are organized by the college where huge number of old students participate enthusiastically and share their experience with the younger ones and give valuable guidance towards their future opportunities.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Response:

VISION

Making Remarkable Contribution by Disseminating Knowledge on Emerging Trends in Engineering and Technology through various Programmes, Innovations and Research so as to Excel in Quality both at the National and International level and to provide Career Guidance & Training for Employment.

MISSION

M1. To encourage Knowledge Acquisition and Foster Innovation & Research. M2. To Prepare Students for Immediate Employment,

leading to Technological and Socio-economical growth. M3. To Provide Guidance for a Productive Career under various programs.

The mission statements map to program outcomes of VTU and are also mapped to the course outcomes of the courses taught in all the semesters. Faculty members write course objectives and outcomes which are circulated to all the students in their lesson plans. The course outcomes are evaluated at the end of each semester and are mapped to program outcomes at the end of the program. The departments follow well-defined teaching-learning processes and assessment mechanisms to achieve attainments. The academic Audit committee at the Institutional and Department levels ensures the proper delivery of the course content and assessment.

The Management and Administration provide adequate freedom to faculty in strengthening the teaching-learning process, academic advancement, and nurturing ethics and social responsibilities. Any suggestions from the lowest level are conveyed to the next higher level in the hierarchy. Suitable strategies and action plans are prepared and disseminated appropriately. The above hierarchical architecture ensures that the governance of the institution is reflective and aligned with the vision and mission of the institution.

File Description	Documents
Paste link for additional information	http://cityengineeringcollege.ac.in/
Upload any additional information	No File Uploaded

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

City Engineering College, Academic activities are decentralized programme-wise but are in tune with the Academic administration by the Principal and VTU stipulations. 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. They are responsible for overall functioning of the respective department. HODs shall audit and report the 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 contingencies such as repair, maintenance and purchases of equipment. Executive Officer and Special Officer who share administrative works. AO executes the work related to administration, budgeting, and accounts and is responsible for the development of the infrastructure. The executive Officer is responsible for image building of the college through strategic plans, looking after staff welfare, assisting in financial decision making, and coordinating with HOD's.

Overall, level-wise hierarchy with the different assigned duties to work in coordination for the development of the institution.

All these contribute for Decentralization and Participative Management.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Blended learning and assessment: 2020-21 being the pandemic year, Institution has taken a lot of measures to ensure effective course delivery and the safety of the students and faculty. To ensure effective course delivery, apart from regular online/offline classes

Benefits of method: Easy to access content 24/7. Opportunity for self-study
Effectiveness of method: Students, particularly slow learners, were able to grasp concepts significantly better after seeing recorded videos multiple times.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	nil
Upload any additional information	No File Uploaded

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

The functioning of the following Institutional bodies is effective and is visible through the existence of the Policies listed below:

Institutional Bodies:

1. Governing Council
2. Academic Council
3. Finance Committee
4. Board of Appointment
5. Board of Examination
7. IQAC
8. Academic Audit Committee
10. Admission Committee
11. Library committee

And other committees include Grievance Redressal Cell, Student welfare & Anti Raging, ICC, SC/ST/OBC Cell, Sports / NSS / NCC / Self Defence, and Cultural Committee.

The Roles and Responsibilities of the major Institutional Bodies is available in the document reference VTU/PS/2021-22/554 dated 04-05-2021 (available on the VTU website)

Policies followed:

Staff:

Service Rules

General Policy for consultancy and projects

Recruitment and promotion policy

Financial Power

Purchase Policy

Recognition and appreciations

Faculty Performance Evaluation

Research policy

Academic & Administrative Process

Student:

Admission Policy

Academic Policy

Examination Policy

Placement Policy

Scholarships

Skill Development Program Policy

PE Classes

Student Insurance

Kindly refer to the Institution website link for information on Service rules, and various committess

File Description	Documents
Paste link for additional information	https://vtu.ac.in/wp-content/uploads/2021/05/NOTIFICATION-05112021134741.pdf
Link to Organogram of the institution webpage	http://cityengineeringcollege.ac.in
Upload any additional information	View File

6.2.3 - Implementation of e-governance in

C. Any 2 of the above

**areas of operation Administration Finance
and Accounts Student Admission and
Support Examination**

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

6.3 - Faculty Empowerment Strategies

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

Teaching: .Leave benefits like casual leave, maternity leave, study leave, sick leave, etc. as per the Institute norms. Ph.D. pursuing faculty members are permitted to meet their guides on working days on need basis. Teachers are allowed to take on reduced workloads during the critical stage of their Ph.D. work. A proposal for Financial assistance to the staff for paper presentations has been submitted for approval
Participation in conference/ FDP's/ workshops/ any training programs. Group insurance for faculty members is arranged by Management
Non Teaching: Provident fund extended as per the government norms. Leave benefits like casual leave,, maternity leave, study leave, sick leave, etc. as per the Institute norms. Uniforms provided

Refer to Service Rules given in Institution web site link

File Description	Documents
Paste link for additional information	http://cityengineeringcollege.ac.in/downloads/CEC_SERVICE_RULES.pdf
Upload any additional information	No File Uploaded

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

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

Online attended due to pandemic

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

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

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

3

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

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

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

year	
36	
File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File
6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff	
Response:	
<p>The performance of each teaching faculty is measured through self-appraisal that includes all aspects of teaching-learning, research, publications, grants, and other supporting activities and involvement in Institutional activities.</p> <p>The self-appraisal is submitted through a Google form. Student appraisal is also collected.</p> <p>Both appraisals are integrated and informed to the faculty.</p> <p>The faculties are advised if the situation demands.</p> <p>On similar lines an appraisal collection is done for non teaching staff.</p>	
File Description	Documents
Paste link for additional information	nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

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

The external 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 the audit report for the year 2020-2021. The contents are as follows:

"We have examined the balance sheet of the college and income expenditure account for the year ended on that date which is 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."

Received an acknowledgement from the Indian Income Tax Department. There are no pending audit objections. Also no pending objections related to Tax, Interest, TDS, etc., from the Indian Income Tax Department..

Internal audits were also conducted by the auditors i.e., by RKSM AND ASSOCIATES and found to be in order.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**0.4 lakhs**

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

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

CEC is a Self-financing institution. The main source of income is student fees.

Resource mobilization is also carried out by the following means:

1. Students fees
2. Interest on corpus fund

Optimum utilization of funds is ensured through:

- Adequate funds are allocated and utilized for effective teaching-learning practices that include Orientation Programmes, Workshops, Inter-disciplinary activities, training programs, and Refresher Courses that ensure quality education.
- The budget is utilized to meet day-to-day operational and administrative expenses and maintenance of fixed assets.
- Enhancement of library facilities needs to augment learning practices and accordingly, requisite funds are allocated and utilized every year.
- Adequate funds are utilized for the development and maintenance of the infrastructure of the Institute.
- Apart from the perpetual licenses the other software are regularly renewed with the respective vendors utilizing adequate funds.

- Some funds are allocated for social service activities as part of social responsibilities through Charities/ Donations NSS, NCC, Nature club activities, and scholarships.

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

6.5 - Internal Quality Assurance System

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

Response:

Since its inception, IQAC has been performing the following tasks on a regular basis:

- Improvement in quality of teaching and research by regular inputs based on feedback received from all concerned stakeholders.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic Audit and analysis of results for improvement in areas found lagging.

Two practices institutionalized as a result of IQAC initiatives for the academic year 2020-2021

1) MoUs, Moocs Courses, innovative teaching practices and implementation of blended learning especially online course delivery through ZOOM, Google Meet, and Microsoft Teams, and videos created on YouTube for class lectures during the pandemic.

2) Enhancement of Industry-Institute linkages through MOUs.

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

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

Response:

The following incremental improvements at the Institution put forth by IQAC.

1. Introduction of AIML subjects in all branches of Engineering:

IQAC suggested the inclusion of AIML subjects in all branches of engineering as these are important and in demand in Industry.

Efforts are on to include these subjects as content beyond syllabus from the academic year 2021-22

2. Introduction of life skills, liberal and creative arts subjects under humanity and implement as per NEP

3. Visibility of CEC to the Public (Branding)

Aligning with the new norm, IQAC intends to employ social media platforms to usher in a brand culture by effectively using whatsapp, Facebook, Instagram, and LinkedIn.

4. To introduce Tinkering labs for courses that require practical knowledge from the ensuing academic year.

5. To build a repository of Video recordings of theory and lab courses from an application perspective for students to aid the TLP.

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://docs.google.com/document/d/15FqC8gJwQWnng6-1ezlanEIoX2lFuHDK/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

At the start of each academic year, the college arranges an induction programme for both staff and students.

The Induction Program educates workers and students about their legal rights, as well as obligations.

Moral conduct and responsible actions: Induction explains what is expected of staff and students.

All mandatory committees like Grievance cell, Internal Complaints Cell, Anti Ragging cell, Anti Sexual Harassment Cell are active and functioning with inclusive representation of women in all important Committees.

There is also a committee appointed to plan and execute activities to familiarize and implement code of conduct and ethical behaviour.

We have also organized online guest lecture especially for girl students & Lady faculty on 'International Women's Day'. Equal opportunity is given to Lady faculty in higher positions.

Security cameras are installed at the college entrance and premises for safety and security of everyone in and around the campus.

There is a Girls' Common Room, with dedicated wash rooms having sanitary napkin vending and incinerating machines. A female attendant caters to needs here.

entrance, CCTV Cameras and an alert staff ensuring discipline. dedicated wash rooms having sanitary napkin vending and incinerating machines. A female attendant caters to needs here.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1uEdHY5fnY-PTKdTBaGqYljNXe5Dqy-5u/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<u>a) SAFETY AND SECURITY Safety of girls and is a top priority at college campus. Nowadays, safe and supportive campus community is both an obligation and a challenge for college administrators and students. Institute provides a comprehensive range of security amenities especially for girls within the premises, through a dedicated team of security personnel. It is a common phenomenon that</u>

most of the outstation students enrolling for different courses come out of their homes and cities for the first time in their life. It is therefore of utmost importance for institutions to provide them a comfortable and safe ambience of „feel at home? within the campus. Our Institution gives safety and security for girl students both physically and mentally. Some of the physical safety and security measures or initiatives taken by the institution are: CCTV Installation in and around the campus, Ambulance, Security near the gate, inside the campus and at hostel gate to ensure the safety and well-being of both the students and the staff. Also we have some Physical safety like First aid box and Fire Extinguisher in all the laboratories and main places. Moreover, a program like "Women?s Safety & rights " is organized to create awareness not only amongst the students but also for female faculty members. This is the possible way some positive change can be brought about regarding safety and well-being of girls inside the college campus. b) Safety measures are taken by the counsellors, female faculties who would closely watch the students during college hours, female faculties in hostel would closely watch the students, assist the students in case of any emergency. c) COMMON ROOMS There is a common room for girl students with carts where they can rest themselves if they are sick and they can also utilize the room to relax and to sit and prepare for their exams, etc.,

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

C. Any 2 of the above

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

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

The Institution takes initiative for the management of wastes which is generated within its campus.

The college has different dustbins provided at various location to segregate the different wastes like wet waste and dry waste.

As college is situated in centre location all waste, solid waste, liquid waste etc are disposed through BBMP disposal arrangement.

The most common solid waste is dry fallen leaf's, which is allowed to decompose in place to enrich the soil quality.

Old blue books, records and various papers are segregated and disposed at regular intervals.

For E-waste Management, the College segregates old computers, batteries and wires and dispose them at regular intervals.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

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

E. None of the above

campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	D. Any 1of the above
File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	C. Any 2 of the above

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

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

A. Any 4 or all of the above

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

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

City Engineering college consists of students and faculties who are drawn from different religions.

The College always encourages the students to organise and

participate in different programmes organised by college, intercollege or university to make them aware towards cultural, regional, linguistic, communal and socio-economic diversities.

The various festivals celebrated in college are Ganesh Chaturthi, Kannada Rajyotsava, Onam, Christmas, Dussehra, Holi, Independence Day, republic day Etc

Cultural programmes on the Annual Day Celebration and Orientation day are organized to lay much emphasis on the diverse Indian Culture.

College permits students to wear attire as per their religion and emphasises the college dress code in certain area like Labs and formal presentations.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The College undertakes various efforts to sensitize the students and employees of the Institution of their constitutional obligation.

At the start of each academic year, the college arranges an induction programme for both staff and students.

The Induction Program educates workers and students about their legal rights, as well as social obligations.

The Principal of the College delivers an Orientation Lecture to the new batch of students to make them aware of the core values, rights, duties and responsibilities of citizens

National festivals, like Independence Day and Republic Day are actively celebrated with activities engendering enthusiasm and national pride.

Curriculum has subjects such Constitutional of India and Professional Ethics taught in 3rdsemester.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.vtresource.com/vtu-syllabus/CS/2018/3/18CPC39
Any other relevant information	Nil

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

A. All of the above

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

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

National and International commemorative days, events and festivals celebrated by college are:

Republic day - A program is organized celebrating the Republic day

Independence Day-A program is organized to celebrate Independence Day

Women's day celebration-Every year 8th March is celebrated by various programmes on women empowerment.

World Environment Day: Every year world environment day is celebrated by a brief talk by principal and later planting of saplings. Here members of NSS also participate actively

Teachers Day- Students organize programmes for the teachers to celebrate the Birth anniversary of DrSarvepalliRadhakrishan.

Kannada Rajyotsava:Program is organized to celebrate Kannada Rajyotsava

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

1.INNOVATION CLUB

To engage students in innovative and creative activities apart from providing opportunities for Hands-on activities, The College has set up Basic Technology Lab integrated with all the departments as part of Innovation and Research to promote students to get a platform to present their ideas and innovative thoughts. The College has many resources available on campus that act as catalyst to improve Innovation & Entrepreneurship among students of different courses. To nurture the entrepreneurial, creative and innovative skills of the students- various workshops, competitions, technical talks and incubation centers have been set up where students get inspired to become a social-entrepreneur or techno entrepreneur. The students of civil engineering have done few

models during inter-college model exhibition. Best 3 models are kept as part of innovation club.

2 .MONTHLY MAGAZINE ``TECH SANGRAM`` - DEPARTMENT OF COMPUTER SCIENCE

The department of Computer science and engineering has started Monthly Technical Magazine ``TECH SAMACHAR`` under the CORE club of the department to conduct technical activities. Tech Samachar is particularly important as it encourages the students to share the knowledge they have acquired. Writing articles for the Newsletter also improves the communication skills of the budding engineers of the Computer Science and Engineering Department.

File Description	Documents
Best practices in the Institutional website	https://docs.google.com/document/d/15FqC8gJwQWnng6-lezlanEIoX2lFuHDK/edit?usp=sharing&oid=116513726730326353373&rtpof=true&sd=true
Any other relevant information	<p><u>ENGINEERING MUSEUM - DEPARTMENT OF CIVIL</u> <u>As per VTU, all Civil Engineering Departments should have a "CIVIL ENGINEERING MUSEUM" with collections related to civil engineering like models, charts, material samples, fixtures and fittings etc. which assist effective teaching learning process. In order to enhance effective teaching learning process, Department of Civil Engineering, City Engineering College has setup Museum which consists of models, charts, material samples, fixtures and fittings etc.</u></p> <p><u>3. SEMINAR BY STUDENTS All the departments have been intensively practising the methods of giving seminars by students related to academics and technical sources. A seminar is a group meeting led by an expert that focuses on a specific topic or discipline, such as business, job searches or a university field such as literature. Seminars typically take place over the course of a</u></p>

few days and involve cooperative discussion, multiple speakers and opportunities to share perspectives and issues related to the topic. Attending a seminar has numerous benefits, including improving communication skills, gaining expert knowledge, networking with others and renewing motivation and confidence.

7. WEBINARS FROM THE DEPARTMENTS The online event activity of imparting technical knowledge is done through webinars and has been practising in all departments.

- Department of E&C has conducted webinar on April 5th 2021, on topic "Embedded system and IOT" and resource person Dr. Basavaraj D Kudamble highlighted the introduction of embedded system and application.
- Department of ME has conducted Webinar Titled "Electronics for Engine Control" organised by hosted by Wulken motors, Speaker Dr Nanda kumar M B 06-06-2020. Secondly, a webinar on "Employable skill sets required in core mechanical industries" Organised by Kriatec services on 6th May 2021. Thirdly, Webinar Titled " Electronic fuel Injection" hosted by Wulken motors, Speaker Dr Nanda kumar M B on 9-10-2020.
- Department of CSE has conducted webinar Titled "Data Analytics Enroute AI & ML" by resource person Ravi Patil held on 27 June 2020. The department also organised webinar Titled "Defence in depth approach to secure Web Applications on AWS cloud" by resource person Vivek Sidde Gowda, Aurigo Software Technologies Ltd., Bangalore on 12th June 2021. Recently a Webinar titled "Carving Your Career - From the Prospective of Corporate world" by resource person Nithin, Bishchay and Meghana, Talent Serve held on 8th July 2021.
- Department of Civil engineering has conducted Webinar titled "Demand and Supply in Construction Industry" by Resource person "Dr. Sanjay Govind Patil, AMITY University, Mumbai held on 5th

January 2021. The department recently conducted Webinar on "Green Technology for improving the biodiversity in Lalbagh Lake- Case Study" held on 26th June 2020. The department organised Webinar Titled "Employability Skills and Competencies" by Resource Person by V. Ashwatha Ramaiah, held on 1st June 2021. As part on National Service scheme the department has organised a webinar Titled "World Environment Day 2021" held on 5th June 2021 by Resource Person Dr. N.T. Manjunath, UBDT, Davangere.ERP SYSTEM A well-managed data centre implemented with the "System Information System (SIS)" software. This software has been developed to improve the overall academic performance of students by actively involving parents and teachers alike in the process. 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 and messages. To give the HOD / Principal / Parents a bird's eye view of the progress of all the students. System Information System (SIS) - It helps to connect, the three pillars of institution, the students, the teachers and the parents 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 stay updated about their ward's Progress 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 to start using System Information System (SIS) 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 update the relevant information on daily basis. ERP is software which is used by faculties, students and parents. It is useful for updating attendance on daily basis, uploading internal marks, notes, study materials, lesson plan, and syllabus of the particular subjects. Parents and students are receiving the regular messages regarding their absence, notifications of the college activities, marks, notes, study materials, question banks, old question 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. Regular college events can be updated in the software and send SMS both students and parents. Faculty details are uploaded in the software, and timetable can upload & subject mapping to the faculties can be done in the beginning of the semester. Entire program of software was framed and installed by Prof. Vivekavardhana Reddy, faculty in department of computer Science, City Engineering College in the year 2019.

7.3 - Institutional Distinctiveness

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

The College has provided tremendous thrust and priority to its Program of Diversity Inclusion and Integration - an area distinctive to the Vision of the College. The Vision of the College is to educate, enable and empower young women as well as male persons and students.

Under its Diversity Inclusion and Integration Program during COVID-19 special classes for awareness and vaccination camps for staff and citizens. Students were given more time to pay their college fees as approved by the management

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

7.3.2 - Plan of action for the next academic year

In future, Efforts towards understanding attainment of outcomes. Preparation towards proposed Academic Autonomy. Organising Criterion wise presentations as a step towards preparing for NAAC re-accreditation . An effort to collaborate initiatives of Industry-Academia and Alumni for development of students. We want to create a top class learning environment comparable with best in th 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.