YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, NAGPUR
• Name of the Head of the institution	DR. SANJIVANI SHASTRI
• Designation	OFFICIATING PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9657667030
• Mobile No:	9850385463
• Registered e-mail	office@cumminscollege.edu.in
• Alternate e-mail	principal@cumminscollege.edu.in
• Address	Mouje Sukali (Gupchup), Taluka Hingna, Nagpur
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	441110
2.Institutional status	
• Type of Institution	Women
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	**Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur**
• Name of the IQAC Coordinator	**Dr. Sanjivani shastri**
• Phone No.	**9850385463**
• Alternate phone No.	**9657667030**
• Mobile	**9850385463**
• IQAC e-mail address	**sanjivani.shastri@cumminscollege.edu.in**
• Alternate e-mail address	**principal@cumminscollege.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://cumminscollege.edu.in/NAAC-SSR.php
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://cumminscollege.edu.in/academic-calender.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**2.76**	**2018**	**02/11/2018**	**01/11/2023**

6.Date of Establishment of IQAC	**27/10/2017**

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
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**	
• Upload latest notification of formation of IQAC	View File	

9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

Regular meetings of Internal IQAC cell
Timely submission of AQAR
Skill development at the start of every semester
Internal Academic Administrative Audit
Organization of Workshops for Faculties

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
Provide internship for all students	Students did internships in various companies
Provide training to students for Aptitude	90% placement for AY 21-22
Moderation of question papers for sessional exams	Improved quality question papers for sessional
Steps towards green audit	Green audit done for the campus

13.Whether the AQAR was placed before statutory body?	No
• Name of the statutory body	

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	15/04/2022

15.Multidisciplinary / interdisciplinary

The college has conducted the hackethon for the students of college. Various problem statements were given to the students and they have to find out the solution to it with in a span of 24 hours. The students didi the projects in a groups. Many of the projects were multydiciplinary and students of various branch were ionvolved in the projects. The projects were examined by the faculty and the prizes were given. .

16.Academic bank of credits (ABC):

As the college is afiliated to RTM Nagpur University it has to depend on the credit system laid by the university to various courses. As and when the instructions will be received from university the college will ask the students to create their own acccount of credit bank .

As per the instrutions received from Ujniversity Institute has asked the students to register for ABC. Nearabout 400 students of the institute have been registered for the Academic bank of credits till date.

17.Skill development:

At the start of Every semester the institution conducts one week skill development program for second year, third year and final year students. As per the need of the industry the latest technologies and the hands on traing on new technology such as..... it is given to the students. This skill development is beyond syllabus. The studetns get additional knowledge and they use the new technology for their mionor or major projects.

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

The medium of instruction for engineering is english. The students come from rural area and they find it difficult to understand the concept. The faculties use national language for explaining the

concept .

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

The institute takes the fedback form all its stake holders. The students give the feedback about the teacher. Subject teacher also collects the feedback about the course out come. Remedial action is taken if any course outcome is not achived. After a visit to industry a feedback is taken and many a times a quiz is also taken after the visit.

Sill development clases ar aalso arrnges for every semester which is other than syllabus . A test is conducteed at the end of the skil developpment class. Thus the out come of every acticvvity is carried out to impovise on it.

20.Distance education/online education:

Students have undertaken MOOCs. All departments have taken a meeting to sensitize the students for online courses such as SWAYAM and NPTEL. They college has decided to make the students aware for the domains like Artificial inteligence , Machine learning, internet of things, manufacturing process etc. The faculty mentors are alloted for each domain by the department. Many student have registerd for MOOCs.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**3**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**486**

File Description	Documents
Data Template	[View File](#)

2.2	**90**
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	**91**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1	**34**
Number of full time teachers during the year	

File Description	Documents
Data Template	[View File](#)

3.2	**36**
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	[View File](#)

4.Institution

4.1	**14**
Total number of Classrooms and Seminar halls	

4.2	**405.42**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**233**
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

Effective Curriculum delivery is the heart and soul of institute and the institute ensures that it should be done through well planned and documented process. The academic calendar, is prepared after studying university academic calendar, includes the important activities and events which are going to be conducted throughout the session. Important activity related to curriculum delivery is Load distribution; which is also done in advance considering experience and specialization of the faculties. Each subject faculty then prepares its LP/TP and Lab Plan according to the time table and Academic Calendar. The LP/TP so prepared presents a complete roadmapabouthow each faculty is going to do the effective delivery of their syllabus. In the Odd semester due to Covid-19 guidelines from the Government syllabus was completed by taking online classes on the Google meet platform but in the even semester we had switched classes from online to offline. The subject files of faculties are monitored regularly by Documentation Committee and reports of monitoring are prepared regularly and communicated with Principal and faculties. Lab Manuals are prepared in advance .We give special importance to students' projects. Project Topics are selected before the start of semester and guides are allotted as per their specialization.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

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

The Academic Calendar is an important tool for the institute to ensure the timely completion of all the activities planned throughout the year. Academic calendar also involves activities related to the Continuous Internal Evaluation. This includes schedule of Sessional Exams, Re-test schedule, Mid-Tem and Final Submissions of Practical, Internal Practical Exam, Industrial Visits, and Press conference and Project display. The Sessional

exams are conducted by centralized Exam Department of the institute, whereas, other activities are conducted at Department level. Activities related to project is conducted by Project HoT of each Departments, whereas, activities related to the practical are conducted by respective subject teacher and Exam coordinator of respective department. The other activities which are also part of CIE but not displayed in Academic Calendar includes Assignments, Individual & Group Activities, Seminars, Competitions, Quizzes, Group Discussions, etc. These activities are not mentioned in Academic Calendar as it is organized and conducted by each subject's teachers as per their LP/TP. The schedule of Parent-Teacher Meet communicated through Academic Calendar gives enough time to outstations parents to plan their visit to the institute.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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	View File
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

3

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

1

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

47

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

47

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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 institution is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur and follows the syllabus and curriculum prescribed by RTMNU.The institute takes its own efforts to enrich the curriculum by adding issues related to Professional Ethics, Gender, Human Values, Environment and Sustainability. The institute undertakes twenty one days orientation Program' for the new entrants, as prescribed by AICTE and RTMNU. During this program, the institute conducts several activities and guest lecturers of eminent personalities from industry and academics. These lectures from experts are focused towards making students ready to face challenges of engineering education and industries. These guest lecturers aim at developing Professional Ethics, Communication Skills and human values among the students and include topics like Team Building, Leadership, Convergent and Divergent Thinking, Presentation Skills, etc. Some health related sessions like Yoga, Meditation, Stress management, Nutrition, Cancer awareness are added exclusively. They serve as a role model for our students and inspire them to work for social welfare. As per university scheme, subjects like Ethical Science and Environmental studies are given in the curriculum; Ethical science is mostly concerned towards inculcating human values, professional ethics, whereas, EVS develop a concern towards environment & sustainability.

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

3

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

134

File Description	Documents
Any additional information	View File
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	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/spreadsheets/d/1o7fB2mrmvfvrTHyDFIlmBYYZlxqJkui46Ge8NY6A-LI/edit#gid=540816924

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 sanctioned seats during the year

180

File Description	Documents
Any additional information	View File
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

78

File Description	Documents
Any additional information	View File
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

As per AICTE guidelines we conduct 21 days orientation program

fornew entrants. The Allied Science department assesses the learning levels of the students during the orientation program . Also on thebasis of Tests / assignments, response in class, laboratory-viva etc. to identify advanced learners and slow learners. The class average in the test marks forms the basis of deciding slow/ advance learner. Further, help of external agencies such as Newflex talentsolution by Dr Kelkar and Manmth Deshpande the students are identified as slow and fast learner .The faculties take efforts on slow learners and encourage the quicklearners for advance learning. College prepares academic calendar inaccordance with the universityand strictly adheres to it. Collegetakes efforts to impart quality education using various ICT toolsfor concept clearing and uses feedback mechanism to create conducivelearning atmosphere. Remedial classes are arranged for slow learnersand DSE students after regular college hours. Quick learners are encouraged to take MOOCs, take lead in the activities of Professional Bodies such as IETE, ISTE , IEEE and shoulder responsibilities in College level clubs. CRT and TCRT classes areconducted to enhance employability which has resulted in good placements.

File Description	Documents
Link for additional Information	https://cumminscollege.edu.in/indian-society-for-technical-education.php
Upload any additional information	View File

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

Number of Students	Number of Teachers
487	**28**

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 Institution organizes various technical and non-technical eventslike Group discussion,Quiz competitions, seminars, Elocution competitions, Poster-making, Technical Workshopsetc. that helpstudents in carving their overall personality.To improve

communication skills of students, Language laboratory has specialsoftware called Orel. This software has interactive learning modules with various situations for creating communication with eachother.Bridge courses for Hands-on Training are organized apart from regular academics such as applications in CAD, Embedded systems; Webbased solutions, Robotics etc. The tools like Mentimeter, Canvas,Google Classroom are also implemented in the institute Participativelearning, experiential learning and enhance problem solving skillsof students. The institue has also impemented activity basedlearning even though the classes were online mode. Live demonstrationsand videos are also shared to students during regularteaching.E-Learning resources like NPTEL are made available throughNMIECT portal. Assignments are given to explore their self-studyabilities and in the process, inculcate the habit of lifelong learning and problem solving habits. In final year projects studentsdevelop prototype solutions . To bridge the gap between the insdustry and institute we conduct skill development program at thesatart of each semester. This includes R programmin, Matlab, Java programming etc

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://drive.google.com/drive/folders/13IK4 IxHH7fsgxyuDfkHKNo4ewS9NIkZ-

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

To ensure a healthy teaching learning process various ICT tools such as Desktop and laptops, LCD Projector, Digital cameras, Printer, Photocopier, tablets, Pen Drive, Scanners, Microphones, interactivewhite board are available in the institution. Every classroom is equipped with an LCD Projector, Computer, Microphone and speakerarrangements. The classes can be easily conducted on off-line, online or hybrid mode by use of ICT tools. PowerPoint Presentationby Projectors along with conventional black board teaching is adopted for effective communication of ideas. Board rooms, Seminarhalls and labs also have desktop computers and projectors. We take continuous efforts to enhance teaching-learning process andtake initiative to use ICT Tools and E-resources, more emphasis on Activity Based Learning, organize guest lecturers from industry andacademicians, special tutorials for weak students and direct secondyear students, forming TG group and regular counselling

of students,etc. We encourage them to register for diploma and certificateprograms from NPTEL and SWAYAM and for other such online learningresources. We conduct special classes for CRT/TCRT, PersonalityDevelopment, Communication Skills Development and Foreign Language.We have a dedicated special slot as 'Student Hour' where studentscan learn and earn knowledge beyond syllabus.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://cumminscollege.edu.in/ict-tool.php

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

27

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

28

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	View File

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

7

File Description	Documents
Any additional information	View File
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

6.53

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.

In the institute, Continuous Internal Evaluation (CIE) is done byconducting two internal exams - Sessional-I and Sessional-II as per the academic calendar. In addition, Assignments, Group Discussion,Surprise Test and Viva-voce during each practical turn are conducted. The marks / grades obtained by students in the CIEprocess comprises of 20 percent weightage for their university grading.. Internal assessment marks are awarded on the basis ofperformance of student in Sessional-I and Sessional-II, marks obtained in assignments, Viva, participation in different activitieslike competitions, workshops, seminars, industrial training/ internships, sports etc. The first Sessional exam is conducted onthe 50 percent syllabus, while, the second Sessional

exam is conducted on the remaining 50 percent syllabus. The institute also conducts Resessional Exam for the students who either scores less than 60 percent marks in any subject or are absent for the Sessionalexam due to some genuine reasons. It is noteworthy that the institute strictly follows the academic calendar for conduction of Sessional, Re-sessional exams under any circumstances.. The institute followed Government University guidelines during lockdown,but academics was not hampered and institute conducted Online Sessional II exam through its exam portal

File Description	Documents
Any additional information	View File
Link for additional information	https://examsys.cumminscollege.edu.in/

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

Grievance redressal mechanism at institute level: The continuousevaluation of students is carried out by faculty in terms of theory, labs, mid-term test, assignments etc. The evaluation for each iscommunicated to the individual student. Query, if any, by student is discussed at first level with the course teacher or with mentor/class-teacher and escalated to Academic coordinator if required. The issues are resolved before display of result. If students are facingany problem during the test, Exam coordinator solves it immediately. During the academic year of 2021-22, the university exams were conducted inonline mode. Students facing various problems like 'server connection failed', ' paper automatically submitted before time','complete questions not being visible' etc.communicated theissue tothe institution examinationin-charge. The examination in-chargeformally emailed the list of students facing the issue to university. The university scrutinized the authenticity of theissues faced by students and reverted the names of studentsallowedto give re-examination. The university published revised time tables ofexaminations for students and re-exams were conducted. This is thedetailed grievanceredressalmechanism adopted at the university level.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Course Outcomes are displayed on the Institution website course wise so that everyone will get the information about it. Course outcomesof the practical subjects are displayed on the Lab Notice boardswhich are communicated to the students during practical hours.Faculties give the brief explanation of Course along with theoutcome and attainment process during the academic session along with regular class room teaching in the very first lecture. Studentsare made aware about the Outcome Based Education(OBE) regarding theVision, Mission, Graduate Attributes, Program Outcomes and CourseOutcome articulation. Every faculty emphasizes the learning (course)outcome after completion of every unit. CO's are mentioned in theexam papers of Sessional 1, Sessional 2 etc so that students getinformation. The CO statements are clearly mentioned in the syllabusat the start of any course. Every course coordinator collects courseexit feedback for direct assessment of CO attainment. An excel sheetis prepared by every subject teacher where a mapping of CO with POPSO is done by them for their subject. Regular IQAC meetings ensurethat all faculties are fully aware about Outcome Based Education.Faculty members are motivated to undergo STTP and Training programsregarding Outcome Based Education.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://cumminscollege.edu.in/course_objects_and_outcomes_CE.php
Upload COs for all courses (exemplars from Glossary)	View File

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

All the Course outcomes are circulated to students so that they areaware of it. For each Course, separate COs Sheet is prepared which consists of Blooms Taxonomy Level, PO mapped, and PSO mapped. COattainment depends on the internal assessment through Sessional ,Assignment, Practical's, Project work etc. The CO attainment chartis provided to each course teacher in which he/ she has to fill thecover sheet containing course details, questions CO codes etc. Atthe end of evaluation, the exam wise attainment sheet is to be

filled by subject teacher which consists of marks obtained bystudents question wise, no. of students who got targeted marks, no of student who have solved / attempted the question, % of COAttained, overall Level achieved etc. Exam wise CO Code average is calculated and mentioned in Separate sheet. All the internalassessments is carried out and average of CO calculated is put in Average sheet to get final Average CO Wise. Self-assessment is doneby students through course-end survey, which is carried out by thecourse teacher at the end of class room teaching using questionerfeedback form. Action is taken for CO if it is notattained .PO12 for the CE department was not getting attained. Corrective actions were planned in the IQAC meeting and executed by the department.

File Description	Documents
Upload any additional information	[View File](#)
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

91

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	[View File](#)
Paste link for the annual report	https://cumminscollege.edu.in/downloads.php

2.7 - Student Satisfaction Survey

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

https://cumminscollege.edu.in/feedback-page.php

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)	No File Uploaded

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

3.1.2.1 - 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)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

14

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

5

File Description	Documents
Any additional information	<u>View File</u>
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

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

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

2

File Description	Documents
Any additional information	<u>View File</u>
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

3.3 - Extension Activities

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

NSS and UBA conducted E-waste Collection Drive on 28 Oct 2021. All the students and staff participated in the drive and collected the e-waste from their homes and deposited to the college and handed over

to Janakalyankari Samiti.

Students of NSS unit of CCOEW started the skill development program for village(SUKALI) students through some activities. The program conducted on 16/03/2022 at 4:00 pm with street play "Women Empowerment" and "environment awareness" With street play, students of CCOEW gave message to the girls of village about importance of education and self-dependence. Street play includes the bad effect of douary custom which is still exists in villages. Students also aware the people of village about water saving , garbage segregation, plant trees and save trees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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

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

1

File Description	Documents
Any additional information	[View File](#)
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

3.3.3 - 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

3.3.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

319

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

20

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File]()
Any additional information	[View File]()
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 is spread over 21 acres of lush green campus. Total of 11 classrooms, 2 tutorial rooms, 24 laboratories, Mechanical workshop, central library, 1 Seminar hall, canteen facility and playgrounds are available on the campus. Some labs and all classrooms are provided with ICT tools as teaching aids. Each department has 8 laboratories which are equipped with state of the art equipment that is adequate enough to meet the requirement specified by statutory body. Total 313 computers are available in the campus and are connected to internet through LAN. The institute has instant power back up for its IT infrastructure and Lab equipments in the form of UPS 14 Nos. (2-10 KVA) and 180 KVA Generator set. The institute has lift facility for physically disabled persons. The Institute has central Library, e-library and reading room facility. Resources like seminar halls are shared across departments whenever needed. Every department has computer laboratories for technical and academic activity.

During pandemic the practical are conducted on online platform such as VLabs approved by AICTE. The management has enhanced online teaching facility by providing smart boards in class rooms. We have shifted for offline physical classes from February 2021.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclef indmkaj/data/js/extn-utils.html

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

The institute has adequate space and facilities for sports, games and cultural activities which include 3 play grounds and huge open green campus for the Anannya cultural event. Other cultural activities are conducted in the seminar hall as per the number of students and availability of seminar hall. Institute has 2 playgrounds, located in A and B wing. These were created in year 2013-14. Wing A and B ground are each with area of (100 × 90) Sft. Wing A has volleyball court, whereas wing B ground is used for sports like kho-kho, kabaddi, Tugof-war etc. Wing B of the campus also has a room specifically assigned for the practice of indoor games including table-tennis, chess. The institute has fully equipped gymnasium located at the girl's hostel. The Gym has area of 31×20 sqft and has machines such as shoulder press, chest press, hip machine, high low pulley etc. International yoga week was celebrated through online mode from 13th -21st June 2021. 14 different asanas were taught by 8 trainers. Students, teaching and non-teaching staff were enthusiastically participated in the event. Event was conducted on virtual platform. Daily meditation sessions were conducted for the students every morning for 10 minutes. The college conducted the sports day as "URJA" on 30th April 2022 which includes all the indoor and outdoor sports.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cumminscollege.edu.in/photo-gallery.php

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cumminscollege.edu.in/ict-tool.php
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)

471.57

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Library is enriched with sufficient no. of books, e-books, journals, e-journals magazines etc. The Institute library has advisory committee with Principal as chairman and four faculties are members one from each department. Books and journals are procured by librarian on recommendation of the faculties and members after approval by the library advisory committee. In addition, some specialized books are available in the departmental library. College library is using automated SLIM21 version 3.7.0 software with latest version 2020 for issuing and keeping the records of books and journals. College library purchased automated Koha Library Management Software (version 21.05.07.000) with latest version 2022 for issuing and keeping the records of books and journals. The

students are free to access books from the book-racks and chosen books are issued to them using the barcode system on books and student id. The appropriate initiative is taken by library committee to render it user friendly. Library extends following facilities - Users are reminded for renewal and over dues. Students can access university question papers and publications. NPTEL Videos and e-journals made available on 10 PCs. e-journals made accessible outside the college campus through J-Gate facility. College library is providing Web OPAC software in a campus and off campus to check the availability and for reserving the books.

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

C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
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)

2.06

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

2.35

File Description	Documents
Any additional information	View File
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

Institution fulfills requirements of IT facilities for students and faculties.

Institute has total 313 computers, which are connected by LAN.

Servers: Institute has servers to different labs, viz.one, (G6) for DSP lab, second (G8) for CC lab and third (G9) for the library, (G5) for application lab.

In 2021-22 institute added 3 laptops. Now there are 21 printers located in different labs, two barcode scanners for library, 3 Scanners, 23 projectors for seminar hall and classrooms, two tabs, 8 laptops, one router for CC lab which is in the main networking lab, 21 (CISCO SG-350, Linksys, CISCO SG-200) switches for LAN connection distribution to different labs

Internet facility and Wi-Fi facility: Institute has internet facility available with speed of 50 Mbps. Institute has provided stronger facility for internet and computer network in campus by shifting the network on manageable switches from unmanageable devices for better connectivity and trouble shooting. Institute

purchased one CISCO SG350 Layer 3 24- 4 port switch and 16 no of CISCO SG 350 Layer 2 24 port switches and 1 firewall SG in the year 2021 during pandemic situation for online teaching. For the sake of network security antivirus software was renewed.

Software available: Various software packages (OS Windows 7,10,RDP licence for windows sever, office10, MATLAB, Orell Digital language lab for communication, Labview, AWR, CIMSIM, ANSIS 18, Simens PLC software, CERO 2.0, AutoCad, Kiss slicer, Gas Analyzer, UTM, and antivirus software like e-scan were procured and installed.

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

4.3.2 - Number of Computers

313

File Description	Documents
Upload any additional information	View File
Student – computer ratio	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)

316.55

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
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.

The physical and academic support facilities/ services are maintained through contracts placed by Central purchase committee of Samstha and are utilized by the institute as per policies decided by the LMC from time to time. Maintenance Contract for services such as transport, security, EPABX, CCTV, conservancy, cleaning of overhead tanks, garden, student mess etc. are reviewed and processed every year. Lab maintenance committee solve the technical problems of each lab, the complaints go to HoT (Head of the Task) of the team and then action taken by committee member.

Sport fields are utilized throughout the year. Sports HoT & team look for the playground maintenance and prepare students for various university level competitions.

At the end of every year library stock verification committee is manually verifies the library books.

The instruments and machines procured are utilized in the institute for the academic purpose. If the equipment malfunctions within the warranty period, it is sent to the vendor for repair or replacement as per warranty conditions. Dead stock verification for the instruments, furniture is done every year. Authorized agency is called for maintenance of equipment like Gen-Set.

IT equipment are maintained through respective contracts. The networking system management is done in-house.

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

360

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
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

388

File Description	Documents
Upload any additional information	[View File](#)
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

B. 3 of the above

File Description	Documents
Link to institutional website	**Nil**
Any additional information	View File
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

68

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

68

File Description	Documents
Any additional information	View File
Number of students benefited 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	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

65

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.

0

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 univer sity/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)

Student Council of the college is an elected body which joins hands with college administration to ensure holistic development of the students and college as well. Student council constitutes; General Secretory, assistant GS, Technical committee head, Creative committee head, Event management committee head, sports committee head, backstage and art committee head, Anchoring committee head and Magazine committee head. A student council member along with the faculty coordinators organizes various co-curricular, extracurricular and different cultural programmes. The students enthusiastically organize and participate in various cultural

events. Cultural incharge, General Secretary, sports and Technical committee head play major role in the organization of the annual multifaceted event 'Anannya' of Cummins College.

Computer engineering department runs The Google Developer students chapter (GDSC) and Coders Club. GDSC organises events, projects.

Mechanical Engineering department have Thermo aspirants club, Mechanical Engineering Girls Association (MEGA), Unnat Bharat Abhiyan(UBA),NSS.

Electronic&Telecommunication department have Technoformers and Rise and Shine.In technoformers, latest trends and technologies are disscussed. Final year students conduct sessions for juniors to teach programing skills for different programing languages.GD sessions, aptitude training, softskills and HR interview techniques are conducted in Rise and Shine club.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File]()

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

1040

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Institution is not registered for Alumnae Association but all alumina contribute to its development by taking various sessions for the current students of the institution.

Mock interviews were arranged for present students by alumnae. Students got benefitted from this and were helpful for their campus placements. Alumnae also emphasize on the opportunities for girls in various sectors in the Mechanical and ETC branch. The planning and requirements for getting campus selection was discussed with the students by alumnae.

Alumnae had contributed financially to needy students through Samsthas Bhaubij Nidhi scheme. Ms. Vaidehi Chinchulkar had donated 10 smart phones worth rs.94000 and institute distributed to needy students for attending online classes during pandemic.

Cummins Alumnae Day'21: It is celebrated on first Sunday of August every year. Platform is provided to Alumini to reconnect with Faculties and past & present students. Virtual recorded tour of the College campus was shown during online virtual meet. The Alumini shared their experiences during , pre& post covid, they also guided the students about industry requirements and asked faculties and students to prepare themselves according to industry needs and demands they shared during the meet.

File Description	Documents
Paste link for additional information	https://us02web.zoom.us/rec/share/j5zZvKMtUF wYbAZPUAk7ByBDyBtfa9UXknUC3eEMZROjFm6WrB- aOR1YOU6iymfv.GivceUyLldD1zYtm Passcode: @LkcJAl&
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

File Description	Documents
Upload any additional information	View File

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

At the top of governance, Samstha has a Management committee to manage the various units of Samstha.The Managing Committee is formed by elected members from Industry, trustees and lifeworkers and employees' representatives. The Institution has a Governing Council to advice andfacilitate quality education as per the need of industry; academia and research community. The College Development Committee comprises Chairman, elected representative from teaching and non-teaching faculty, IQACcoordinator, experts from academia, industry, social service and Principal as a member secretary. Teaching and nonteaching representatives in CDC act asinterface between staff and management, thus ensuring smooth functioning and timely implementation of policies.IQAC, which plays important role of catalyst in speeding up and proper execution of all sorts of activities to enhance quality of institute.Principal monitors and coordinates overall institute's operations to ensure smooth functioning of institute. Principal plans the activities to beconducted. and appoints coordinators for each activity, Thecommittees then plan and execute that activity in consultationwith coordinator and Principal.HOTs, class teacherand class representatives discuss various issues ofcurriculum, feedback and activities. The requirements of material, equipment, and facility are put upto Purchase committee.Samstha's HRD committee

takes care of thewelfare in the institute.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Upload any additional information	View File

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

Institute hosted Innovex C2P 2021 event under IEEE Technology & engineering management Society (TEMS) in association with IEEE Nagpur subsection. The event is for taking Concept to Product (C2P) and has been planned to encourage product development at college level leading to entrepreneurship. The event involved team of students coming forward with concept of product development, Academic mentor teacher and guide of the project from college, Mentor from Industry in the different categories- Emerging Technology, Smart City, Health & Life Sciences, Agriculture, Lab to Land and Societal Usage judge the presentation for product design and Venture Capitalist (in the final stage) as an angel investor to market the product. This was managed by the SB coordinator and students' executive members.

The first stage of the event was Ideation presentation. 46 groups registered for the event from all over country and shortlisted 25 groups for Ideation. Mentors from industry in the different categories- Emerging Technology, Smart City, Health & Life Sciences, Agriculture, Lab to Land and Societal Usage judged the presentations by the students and also gave them tips/ ideas for further improvement. Cash prizes of Rs 5000/- for the best idea from every category and some consolation prizes were given .

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/index.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Principal receives the input from all faculty members regardingdevelopment in the curriculum. Every faculty arranges the expert lecture of industry person for each subject in every month forcovering topics beyond syllabus.To develop the problem solving attitude among students Activity based learning was implemented inwhich every student has assigned activity by every subject teacher.In pandemic situation Sessional was conducted through onlinemode on College Exam Portal. The result of which was conveyed toparents through PTM (Parents Teachers Meet).The institute is havingincubation - the place where start-ups are born. Incubation centreis aimed at turning the students into young entrepreneurs. Wesupport the ideas of the students and help them to nourish those ideas into plans.The institute an Entrepreneurship Development (ED)Cell as well as Industry Institute Interaction (III) cell.College deputes faculties to attend STTP, FDP, Workshops, Seminars, TrainingPrograms to upgrade their knowledge.Institute gets CSR funds fromIndustry to establish various advance technology labs. Institute hassigned MoU with TCS, Persistent many Nagpur based industries.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://cumminscollege.edu.in/downloads.php
Upload any additional information	View File

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.

At the top of the organizational structure there is a CollegeGoverning Council, College Development Committee (CDC). Strategic plan and strategic decisions of the institution are taken by thisbody. The College Development Committee comprises membersappointed by Samstha, elected representative from teaching and non-teachingfaculty, experts from academia, industry, social service, IQAC coordinator and Principal as a member secretary. LMC is held every 2to 3 months to review progress of the college, give approval to various college activities, sanctions funds for procurement.Teaching and non-teaching representatives in CDC act as interface between staff and management, thus ensuring smooth functioning andtimely implementation of policies.The Principal of the institution monitors day to day academics, financial and administrativeactivities. He implements Samstha's policiesfor the

development of College. Principal also monitors admissions, teachinglearning.activity, placement activities in coordination withPlacement Cell, R&D and ED activities and discipline among studentsand staff. The college follows very a set selection procedure whereapplications are received through newspaper and web advertisements,two level of interviews before HRD appoints teaching faculty . Atthe next level in a hierarchy are the different committees, cellshaving representatives from each department.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Link to Organogram of the Institution webpage	https://cumminscollege.edu.in/downloads.php
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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	View File
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

Existing welfare measures for teaching and non-teaching members is as below:- 1. Employees Provident Fund :As per PF rules Keeping in view thefuture safety of employees, the institute contributes specific amount towards PF of an employee as per PF rules.

2.Medi claim-HealthInsurance: Samstha provides cashless Medi-

claimfor the employee and his/her family.3.Gratuity is applicable to every staff after five year of permanentservice.

4.Full paid Maternity Leave: Samstha provides 180 days full paidmaternity leaves 5.Fee concession :Samstha provides fees concession to their wards of economically weaker sraff . 6.Encashment of Earned leave: At the end of service of an employee, he/ she can en-cash his/ her earned leaves 7.Timely Credit of Salary to bank account of employee: Every month, the employee gets the salary on time irrespective of the scholarship received from Samaj-kalyan or not. 8.Reimbursement of Membership fees: There is a provision ofreimbursement of membership fee of any professional body provided faculty publishes a research paper within a year in the concerned professional body.9.Medical leave encashment Facility of balance medical leave to adhoc faculties is available end of every year . 10.Festival advance Non-teaching staff can avail interest free festival advance up-to Rs. 15,000

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
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

7

File Description	Documents
Upload any additional information	View File
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

2

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	View File
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

56

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	View File
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

The Institution's performance appraisal system consists of 3 parts: Part I -Self-appraisal: The faculty submits self-appraisal report atthe end of every academic year.The teaching faculty provides the

following information.

1.Personal information 2.Academic record 3.Research experience and training Part II – In part II the faculty submits following information with documentary evidence wherever required. 1.Teaching experience and performance 2.Innovations / contributions and special efforts in teaching Part III-- In part III the reporting officer (HoD) and Principal gives independent marking on following attributes. 1.Commitment towards teaching 2.Punctuality / Regularity 3.Teaching Methodology 4.Student's feedback from classroom 5.Handling of other than teaching assignments 6.Handling of coordination duties 7.Handling students problems / Counseling 8.Interpersonal relationships and behavior 9.Efforts taken for improvement of college 10.Research attitude Performance appraisal for non-teaching staff has 3 parts: Part I : In this part the employee provides basic personalinformation

Part II : In this the employee writes self-appraisal.

Part III : In this the appraisal is done by the Principal.

Based on the student feedback, the Principal gives suggestions forimprovement in teaching, if required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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

College budget includes recurring expenses such as salary, electricity and internet charges, equipment and facilities maintenance cost, stationary and other consumables etc. It includesplanned expenses such as lab equipment purchases, furniture and other development expenses. Budget is scrutinized and approved byCDC and Management Committee. Accounts department and purchasedepartment monitor whether expenses are not exceeding budgetprovision. There is a separate internal audit department of MKSSS,which monitors proper utilization of finances. Internal Audit wasconducted by "K K MANAKESHWAR Co." external Audit was conducted

by"G D Apte Co." for the financial year 2021-22.

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)

40

File Description	Documents
Annual statements of accounts	[View File](#)
Any additional information	[View File](#)
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

Maharshi Karve Stree Shikshan Samstha is a charitable trust. It runson the donations and fees received from the students. Samstha collects donations from various strata of the society and in turnprovides funds to run the institutions. The Institution, MKSSS' Cummins College of Engineering for Women, Nagpur is approved byAICTE and DTE. It is affiliated to RTM Nagpur University. The Institute students are eligible to receive various State GovernmentScholarships such as Samaj Kalyan, OBC, ST and EBC. The fees received from students are approved by Fee Regulating Authority ofgovernment of Maharashtra. All the fees collected from students are deposited with Samstha. Funds are released toInstitute for day-to-day utilization as per demand. Samstha provides funds for conduct of day-to-day activities of college. Samstha alsoprovides funds for branding, sponsoring of social and technical events suitable for progress of the institutions under the Samstha.As per Samstha's rules, the Samstha can arrange funds by means of overdrafts or cash credits, borrow money or raise loans by pledge ormortgage of the property of the Samstha or otherwise, for furtherance of any of the

objects of the Samstha.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
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

IQAC committee undertakes academic monitoring to ensure smoothconduct of classes. All departments have academic coordinators whotakes the responsibly of conduct of classes in the respectivedepartment. Due to pandemic the classes were online and hence a Google spread sheet is shared with all the faculties by academiccoordinators. The teachers need to fill the data in the sheet regularly. It includes date time and topics covered during theclass, activities taken in the class and link of videos in support of teaching. The sheet is also shared with principal and DeanAcademics who monitors the sheet and ensures the conduct of classes. Institute has set up an internal IQAC committee who meets after eachtwo months and many topics are discusses in it such as project work,internship, placements, semester results etc. Also the IQAC meetingsaction points are discussed and reviewed by the principal duringsuch meetings and corrective actions are also suggested by him toall. All departmental coordinators give the planning of all the departmental activities during the semester. Reforms if required arealso discussed and implemented if required with immediate effect.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Upload any additional information	No File Uploaded

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

The teaching and learning process is reviewed every week in the formof weekly report generated by each department and is submitted to principal through dean academics. The backlog lectures if any are reported in it for the week .The faculties are required to complete the backlog lectures in the same week or in the next week. In the IQAC meeting the committee reviews the CO-PO-PSO mapping. The attainment levels of each and every subject are presented during the meeting. The members suggest the action to be taken for some subjects for which the attainment level is low as per the benchmark set up by the IQAC committee. The departmental exam coordinators have created a matrix for CO-PO-PSO mapping and the attainment isreviewed by the committee for PSO attainment for the department.As a quality initiative, IQAC has started the moderation of questionpapers of all subjects with the help of exam committee for eachsessional exam conducted by the college. The blooms taxonomy andblooms level are being checked by the committee and corrections inparticular question paper is communicated to the subject faculty andagain ask the faculty to resubmit the paper for review.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://cumminscollege.edu.in/downloads.php
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

Measures initiated by the Institution for the promotion of gender equity during the year Gender sensitivity is the way to treat equally for both girls and boys without making any differences between them in any field. Being only women education institute, we are committed to give safe & secure campus for our students. The institute has a women grievance cell (Mahila Takrar Nivaran Sameeti) to sort out workplace related grievances such as Gender Bias, Ragging, Sexual Harassment related issues etc. The awareness sessions on respecting womanhood, work life balance, safety at workplace etc is taken from time to time. Counselling about gender sensitivity is also done by organizing guest lectures, seminars by eminent personalities.

Dr. Priya Ramteke a employee of institute is a qualified counsellor having PhD in Psychology. Needy students are counselled by her. Common room is space provided to students to unwind, relax and also to hold meeting to plan their events, cultural activities etc. The common room is provided with Chairs, tables, bean bags, mirrors. Students decorate their common room for expressing their thoughts in various forms like drawing, painting, craft etc we are committed towards arranging several programs addressing gender equity like Women's Day every year.

File Description	Documents
Annual gender sensitization action plan	7.1 Institute has created an annual action plan as under towards Gender Sensitization. Sr. no Name of Program Dates 1 Womens Day 8 March 2023 2 Baya karve jayanti 5th june 2023 3 Parvatibai Athawale smruti diwas 10 Oct 2023 4 Baya karve punyatithi 29 November 2023 Various initiatives can be taken addresses during celebration of these days to sensitize students/faculties about gender sensitization.
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	a. Safety and security b. Counseling c. Common Rooms

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	View File
Any other relevant information	No File Uploaded

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 campus is free from any hazardous waste being generated. The condemned batteries are disposed through authorized agencies. All precautions are taken to store few concentrated acids/ chemicals in a safe room.

A practice of safe dispose of sewage and appropriate reuse of treated sewage water is included in the campus which proves to be the obvious and eminent solution for waste water recycling. If waste water reuse is exercised properly; the benefits that can be reaped

are far better than any associated costs. The campus is plastic free. We do not use any plastic use and throw material. A modern waste water treatment plant of 12500 ltr/hr capacity is commissioned in the campus to treat sewage from technical buildings and hostel. The STP generated water is reused for gardening purpose. E-waste like electric panels, PCBs, cells etc

is collected at a single point collection center run by NSS unit and is then handed over to an NGO engaged e-waste collection.

Some of the E-waste such as CD drives old obsolete electronics products are being used in Electronic Workshop laboratory for training, demonstrating and reusing components for developing mini projects in the lab.

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

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of 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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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

B. Any 3 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	[View File](#)
Any other relevant information	[View File](#)

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

C. Any 2 of the above

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

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

The institute takes continuous efforts to achieve socialeconomic, linguistic, regional and cultural harmony among the students. We are having students and staff from other than Maharashtra state. The major states from where our students come are Madhya Pradesh, Himachal Pradesh, Arunachal Pradesh, Uttar Pradesh, Bihar, Jharkhand, Chandigarh, and Chattisgarh. Also, our students belong to different socio-economic status and cultural backgrounds.

We have Common uniform for all the students and this is the first attempt when we maintain uniformity in the attire of all the students, no matter to which social class they belongs to. Our students celebrate all the festivals together, be it Holi or Diwali or Eid or Christmas, students celebrates all the festivals with equal enthusiasm.

We also conduct several cultural events through-out the year. Last year due to nationwide lockdown students were not available at the campus. Hence very limited activities were conducted in the above mentioned areas. A few notable activities include some literary work by our students. Our students write Blogs, Poems and articles in different regional languages which show linguistic diversities. Our management members and staff also take parts in the event and encourage students to bring social harmony in the institute.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The parent organization of the institute is being founded by a legendary BharatRatna Maharshi Dhondo Keshav Karve in 1896 in Pune. Institute functions on the path laid by him and always sensitize all its employees and students towards their constitutional obligations, values, rights, duties and responsibilities as a citizen of the country.

Participation and organization in the events like Tree Plantation Drives, Shot Essay Competition on World Earth Day, Webinar on Green Initiatives for Environmental Ecosystem, sensitization of students towards rural life and issues faced by rural population, NSS team of students participated in a survey and its analysis for 100 villages done by Laxmanrao Mankar Trust. The detailed report was presented to the trust with the help of Janakalyankari Samiti. In Covid pandemic to sensitize them, a group of faculties from the institute made a detailed survey for the villages under its Unnat Bharat Abhiyan Scheme to understand covid related and post-pandemic problems faced by the villagers.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**No File Uploaded**
Any other relevant information	View File

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,   **D. Any 1 of the above**

**teachers, administrators and other staff   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

With the help of an An NGO we distributed the datamini tablet to the needy students on the occasion of Baya Karve Jayanti on 5th June.

On the occasion of "International Yoga Day," A yoga week was organised from June 13th to June 21st, 2021.The Cummins Alumnae Day was organised in online mode on August 1, 2021. On August 29, 2021, we ran the "Environment Protection drive", during which faculty and students took the "prakruti vandan" pledge.

Engineer Day was celebrated on September 15, 2021. The institute organised poster presentations, quizzes, and debate competitions. On September 30, 2021, institute hosted Laxminarayan Day at the APJ Abdul Kalam Library. On this occasion, Mr. Aalnakr Joshi shared his views regarding the contribution of D. Laxminarayan to RTM Nagpur University in the presence of all the management members.

Library of institute organised an online student speech programme to commemorate the birth anniversary of farmer president APJ Abdul Kalam on October 16, 2021, as "National Reading Day."

On January 25, 2022, the institute organised a guest lecture by Dr. Chatura Joshi to raise voter registration awareness.

On the birth anniversary of Kusumagraj, "the Marathi bhasha diwas" was celebrated in our institute. This event was attended by students.

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.

```
Best Practice 1

   1.  Title of the Practice: Financial assistance to students

   1.  Objectives of the Practice:

   •   To provide financial support to needy student

The Context:. Financially weak students are not capable of paying
tuition/ hostel fees and other fees. Hence such students are
required to be supported financially for continuing their education.

The Practice

   1.  Cummins Nurturing Brilliance Scholarship:
   2.  Paranjape Scholarship:

III. Scholarship by Persistent foundation: "KIRAN": Girl's
scholarship program

.IV. Freeship by Samstha:

V.LPF scholarship:

5. Evidence of Success: The students benefitted from various
scholarships are doing well in their studies and completing their
education with good academic record without any financial hurdle.

6. Problems Encountered and Resources Required: Large number of
```

students requires financial assistance to continue higher education.

Best Practice 2

Title: Introduction of student's hour in the time table

- **Give exposure to students by allocating special student's hour**
- **The Context: Thought is that students shall be made available for the extra time for carrying out various activities other than studies. Hence a student's hour, was introduced. Faculties have to take care of smooth conduction of these activities. Few activities as listed below-**
- **Reading book and discussion**
- **Self-defence sessions**
- **Problems encountered and resources required:**
- **It was not easy to break the mind-set of students and faculty initially to introduce such a new concept.**
- **Separate time table mentioning faculty responsibility was required and made accordingly.**

File Description	Documents
Best practices in the Institutional web site	**No File Uploaded**
Any other relevant information	<u>View File</u>

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

Maharshi Karve Stree Shikshan Samstha's (MKSSS) Cummins college of Engineering for women, Nagpur is working towards empowerment of women professionals who will be academically and technically sound along with strong ethics. Institute's distinctiveness is elaborated as follows –

- **The management members of Institute are from Industry who has dedicated themselves to social cause.**
- **Strong legacy of educating women from 125 Years.**
- **Association with a multi-national corporate house like Cummins India Ltd.**

Annual Quality Assurance Report of CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

- Cummins College gets technical and financial support from Cummins India Ltd. Cummins College is the only women's Engineering College having Mechanical engineering branch. We are the only one college in Vidarbha having Tata Cummins 6 cylinders Gen-set engine for practical.
- Institute provides Scholarships to needy and deserving students through various scholarships such as :

1. Cummins Nurturing Brilliance scholarship by Cummins India Foundation - Total 39 students with scholarship amount Rupees 2654071/-
2. Leela Poonawala Scholarship-Total 79 students with scholarship amount Rupees 3640000/-
3. Kiran Scholarship by Persistent Limited – Total 9 students with scholarship amount Rupees 360000/-
4. MKSSS scholarships from Samstha - Total 255 students with scholarship amount Rupees 4220837/-
5. Paranjape scholarship - Total 9 students with scholarship amount Rupees 108127/-

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

Effective Curriculum delivery is the heart and soul of institute and the institute ensures that it should be done through well planned and documented process. The academic calendar, is prepared after studying university academic calendar, includes the important activities and events which are going to be conducted throughout the session. Important activity related to curriculum delivery is Load distribution; which is also done in advance considering experience and specialization of the faculties. Each subject faculty then prepares its LP/TP and Lab Plan according to the time table and Academic Calendar. The LP/TP so prepared presents a complete roadmapabouthow each faculty is going to do the effective delivery of their syllabus. In the Odd semester due to Covid-19 guidelines from the Government syllabus was completed by taking online classes on the Google meet platform but in the even semester we had switched classes from online to offline. The subject files of faculties are monitored regularly by Documentation Committee and reports of monitoring are prepared regularly and communicated with Principal and faculties. Lab Manuals are prepared in advance .We give special importance to students' projects. Project Topics are selected before the start of semester and guides are allotted as per their specialization.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

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

The Academic Calendar is an important tool for the institute to ensure the timely completion of all the activities planned throughout the year. Academic calendar also involves activities related to the Continuous Internal Evaluation. This includes schedule of Sessional Exams, Re-test schedule, Mid-Tem and Final

Submissions of Practical, Internal Practical Exam, Industrial Visits, and Press conference and Project display. The Sessional exams are conducted by centralized Exam Department of the institute, whereas, other activities are conducted at Department level. Activities related to project is conducted by Project HoT of each Departments, whereas, activities related to the practical are conducted by respective subject teacher and Exam coordinator of respective department. The other activities which are also part of CIE but not displayed in Academic Calendar includes Assignments, Individual & Group Activities, Seminars, Competitions, Quizzes, Group Discussions, etc. These activities are not mentioned in Academic Calendar as it is organized and conducted by each subject's teachers as per their LP/TP. The schedule of Parent-Teacher Meet communicated through Academic Calendar gives enough time to outstations parents to plan their visit to the institute.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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	View File
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

3

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

1

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

47

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

47

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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 institution is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur and follows the syllabus and curriculum prescribed by RTMNU.The institute takes its own efforts to enrich the curriculum by adding issues related to Professional Ethics, Gender, Human Values, Environment and Sustainability. The institute undertakes twenty one days orientation Program' for the new entrants, as prescribed by AICTE and RTMNU. During this program, the institute conducts several activities and guest lecturers of eminent personalities from industry and academics. These lectures from experts are focused towards making students ready to face challenges of engineering education and industries. These guest lecturers aim at developing Professional Ethics, Communication Skills and human values among the students and include topics like Team Building, Leadership, Convergent and Divergent Thinking, Presentation Skills, etc. Some health related sessions like Yoga, Meditation, Stress management, Nutrition, Cancer awareness are added exclusively. They serve as a role model for our students and inspire them to work for social welfare. As per university scheme, subjects like Ethical Science and Environmental studies are given in the curriculum; Ethical science is mostly concerned towards inculcating human values, professional ethics, whereas, EVS develop a concern towards environment & sustainability.

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

3

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

134

File Description	Documents
Any additional information	View File
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	[View File](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View File](#)
Any additional information(Upload)	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	https://docs.google.com/spreadsheets/d/1o7fB2mrmvfvrTHyDFIlmBYYZ1xqJkui46Ge8NY6A-LI/edit#gid=540816924

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 sanctioned seats during the year
180

File Description	Documents
Any additional information	[View File](#)
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
78

File Description	Documents
Any additional information	[View File](#)
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

As per AICTE guidelines we conduct 21 days orientation program fornew entrants. The Allied Science department assesses the learning levels of the students during the orientation program . Also on thebasis of Tests / assignments, response in class, laboratory-viva etc. to identify advanced learners and slow learners. The class average in the test marks forms the basis of deciding slow/ advance learner. Further, help of external agencies such as Newflex talentsolution by Dr Kelkar and Manmth Deshpande the students are identified as slow and fast learner .The faculties take efforts on slow learners and encourage the quicklearners for advance learning. College prepares academic calendar inaccordance with the universityand strictly adheres to it. Collegetakes efforts to impart quality education using various ICT toolsfor concept clearing and uses feedback mechanism to create conducivelearning atmosphere. Remedial classes are arranged for slow learnersand DSE students after regular college hours. Quick learners are encouraged to take MOOCs, take lead in the activities of Professional Bodies such as IETE, ISTE , IEEE and shoulder responsibilities in College level clubs. CRT and TCRT classes areconducted to enhance employability which has resulted in good placements.

File Description	Documents
Link for additional Information	https://cumminscollege.edu.in/indian-society-for-technical-education.php
Upload any additional information	[View File](#)

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

Number of Students	Number of Teachers
487	28

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 Institution organizes various technical and non-technical eventslike Group discussion,Quiz competitions, seminars, Elocution competitions, Poster-making, Technical Workshopsetc. that helpstudents in carving their overall personality.To improve communication skills of students, Language laboratory has specialsoftware called Orel. This software has interactive learning modules with various situations for creating communication with eachother.Bridge courses for Hands-on Training are organized apart from regular academics such as applications in CAD, Embedded systems; Webbased solutions, Robotics etc. The tools like Mentimeter, Canvas,Google Classroom are also implemented in the institute Participativelearning, experiential learning and enhance problem solving skillsof students. The institue has also impemented activity basedlearning even though the classes were online mode. Live demonstrationsand videos are also shared to students during regularteaching.E-Learning resources like NPTEL are made available throughNMIECT portal. Assignments are given to explore their self-studyabilities and in the process, inculcate the habit of lifelong learning and problem solving habits. In final year projects studentsdevelop prototype solutions . To bridge the gap between the insdustry and institute we conduct skill development program at thesatart of each semester. This includes R programmin, Matlab, Java programming etc

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://drive.google.com/drive/folders/13IK4IxHH7fsgxyuDfkHKNo4ewS9NIkZ-

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

To ensure a healthy teaching learning process various ICT tools such as Desktop and laptops, LCD Projector, Digital cameras,

Printer, Photocopier, tablets, Pen Drive, Scanners, Microphones, interactivewhite board are available in the institution. Every classroom is equipped with an LCD Projector, Computer, Microphone and speakerarrangements. The classes can be easily conducted on off-line, online or hybrid mode by use of ICT tools. PowerPoint Presentationby Projectors along with conventional black board teaching is adopted for effective communication of ideas. Board rooms, Seminarhalls and labs also have desktop computers and projectors. We take continuous efforts to enhance teaching-learning process andtake initiative to use ICT Tools and E-resources, more emphasis on Activity Based Learning, organize guest lecturers from industry andacademicians, special tutorials for weak students and direct secondyear students, forming TG group and regular counselling of students,etc. We encourage them to register for diploma and certificateprograms from NPTEL and SWAYAM and for other such online learningresources. We conduct special classes for CRT/TCRT, PersonalityDevelopment, Communication Skills Development and Foreign Language.We have a dedicated special slot as 'Student Hour' where studentscan learn and earn knowledge beyond syllabus.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://cumminscollege.edu.in/ict-tool.php

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

27

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

28

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	View File

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

7

File Description	Documents
Any additional information	View File
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

6.53

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.

In the institute, Continuous Internal Evaluation (CIE) is done byconducting two internal exams - Sessional-I and Sessional-II as per the academic calendar. In addition, Assignments, Group Discussion,Surprise Test and Viva-voce during each practical turn are conducted. The marks / grades obtained by students in the CIEprocess comprises of 20 percent weightage for their university grading.. Internal assessment marks are awarded on the basis ofperformance of student in Sessional-I and Sessional-II, marks obtained in assignments, Viva, participation in different activitieslike competitions, workshops, seminars, industrial training/ internships, sports etc. The first Sessional exam is conducted onthe 50 percent syllabus, while, the second Sessional exam is conducted on the remaining 50 percent syllabus. The institute also conducts Resessional Exam for the students who either scores less than 60 percent marks in any subject or are absent for the Sessionalexam due to some genuine reasons. It is noteworthy that the institute strictly follows the academic calendar for conduction of Sessional, Re-sessional exams under any circumstances.. The institute followed Government University guidelines during lockdown,but academics was not hampered and institute conducted Online Sessional II exam through its exam portal

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://examsys.cumminscollege.edu.in/

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

Grievance redressal mechanism at institute level: The continuousevaluation of students is carried out by faculty in terms of theory, labs, mid-term test, assignments etc. The evaluation for each iscommunicated to the individual student. Query, if any, by student is discussed at first level with the course teacher or with mentor/class-teacher and escalated to Academic coordinator if required. The issues are resolved before display of result. If students are facingany problem during the test, Exam coordinator solves it immediately. During the academic year of 2021-22, the university exams were conducted inonline

mode. Students facing various problems like 'server connection failed', ' paper automatically submitted before time','complete questions not being visible' etc.communicated theissue tothe institution examinationin-charge. The examination in-chargeformally emailed the list of students facing the issue to university. The university scrutinized the authenticity of theissues faced by students and reverted the names of studentsallowedto give re-examination. The university published revised time tables ofexaminations for students and re-exams were conducted. This is thedetailed grievanceredressalmechanism adopted at the university level.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	[Nil](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Course Outcomes are displayed on the Institution website course wise so that everyone will get the information about it. Course outcomesof the practical subjects are displayed on the Lab Notice boardswhich are communicated to the students during practical hours.Faculties give the brief explanation of Course along with theoutcome and attainment process during the academic session along with regular class room teaching in the very first lecture. Studentsare made aware about the Outcome Based Education(OBE) regarding theVision, Mission, Graduate Attributes, Program Outcomes and CourseOutcome articulation. Every faculty emphasizes the learning (course)outcome after completion of every unit. CO's are mentioned in theexam papers of Sessional 1, Sessional 2 etc so that students getinformation. The CO statements are clearly mentioned in the syllabusat the start of any course. Every course coordinator collects courseexit feedback for direct assessment of CO attainment. An excel sheetis prepared by every subject teacher where a mapping of CO with POPSO is done by them for their subject. Regular IQAC meetings ensurethat all faculties are fully aware about Outcome Based Education.Faculty members are motivated to undergo STTP and Training programsregarding Outcome Based Education.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://cumminscollege.edu.in/course_objects_and_outcomes_CE.php
Upload COs for all courses (exemplars from Glossary)	View File

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

All the Course outcomes are circulated to students so that they areaware of it. For each Course, separate COs Sheet is prepared which consists of Blooms Taxonomy Level, PO mapped, and PSO mapped. COattainment depends on the internal assessment through Sessional ,Assignment, Practical's, Project work etc. The CO attainment chartis provided to each course teacher in which he/ she has to fill thecover sheet containing course details, questions CO codes etc. Atthe end of evaluation, the exam wise attainment sheet is to be filled by subject teacher which consists of marks obtained bystudents question wise, no. of students who got targeted marks, no of student who have solved / attempted the question, % of COAttained, overall Level achieved etc. Exam wise CO Code average is calculated and mentioned in Separate sheet. All the internalassessments is carried out and average of CO calculated is put in Average sheet to get final Average CO Wise. Self-assessment is doneby students through course-end survey, which is carried out by thecourse teacher at the end of class room teaching using questionerfeedback form. Action is taken for CO if it is notattained .PO12 for the CE department was not getting attained. Corrective actions were planned in the IQAC meeting and executed by the department.

File Description	Documents
Upload any additional information	View File
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

91

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	[View File](#)
Paste link for the annual report	https://cumminscollege.edu.in/downloads.php

2.7 - Student Satisfaction Survey

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

https://cumminscollege.edu.in/feedback-page.php

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)	**No File Uploaded**

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

3.1.2.1 - 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)	**No File Uploaded**
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

14

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

5

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

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

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

2

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

NSS and UBA conducted E-waste Collection Drive on 28 Oct 2021. All the students and staff participated in the drive and collected the e-waste from their homes and deposited to the college and handed over to Janakalyankari Samiti.

Students of NSS unit of CCOEW started the skill development program for village(SUKALI) students through some activities. The program conducted on 16/03/2022 at 4:00 pm with street play "Women Empowerment" and "environment awareness" With street play, students of CCOEW gave message to the girls of village about importance of education and self-dependence. Street play includes the bad effect of douary custom which is still exists in villages. Students also aware the people of village about water saving , garbage segregation, plant trees and save trees.

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

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

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

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

319

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

20

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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 is spread over 21 acres of lush green campus. Total of 11 classrooms, 2 tutorial rooms, 24 laboratories, Mechanical workshop, central library, 1 Seminar hall, canteen facility and playgrounds are available on the campus. Some labs and all classrooms are provided with ICT tools as teaching aids. Each department has 8 laboratories which are equipped with state of the art equipment that is adequate enough to meet the requirement specified by statutory body. Total 313 computers are available in the campus and are connected to internet through LAN. The institute has instant power back up for its IT infrastructure and Lab equipments in the form of UPS 14 Nos. (2-10 KVA) and 180 KVA Generator set. The institute has lift facility for physically disabled persons. The Institute has central Library, e-library and reading room facility. Resources like seminar halls are shared across departments whenever needed. Every department has computer laboratories for technical and academic activity.

During pandemic the practical are conducted on online platform such as VLabs approved by AICTE. The management has enhanced online teaching facility by providing smart boards in class rooms. We have shifted for offline physical classes from February 2021.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[chrome-extension://efaidnbmnnnibpcajpcglcl efindmkaj/data/js/extn-utils.html](#)

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

The institute has adequate space and facilities for sports, games and cultural activities which include 3 play grounds and huge open green campus for the Anannya cultural event. Other cultural activities are conducted in the seminar hall as per the number of students and availability of seminar hall. Institute has 2 playgrounds, located in A and B wing. These were created in year 2013-14. Wing A and B ground are each with area of (100 × 90) Sft. Wing A has volleyball court, whereas wing B ground is used for sports like kho-kho, kabaddi, Tugof-war etc. Wing B of the

campus also has a room specifically assigned for the practice of indoor games including table-tennis, chess. The institute has fully equipped gymnasium located at the girl's hostel. The Gym has area of 31×20 sqft and has machines such as shoulder press, chest press, hip machine, high low pulley etc. International yoga week was celebrated through online mode from 13th -21st June 2021. 14 different asanas were taught by 8 trainers. Students, teaching and non-teaching staff were enthusiastically participated in the event. Event was conducted on virtual platform. Daily meditation sessions were conducted for the students every morning for 10 minutes. The college conducted the sports day as "URJA" on 30th April 2022 which includes all the indoor and outdoor sports.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://cumminscollege.edu.in/photo-gallery.php

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://cumminscollege.edu.in/ict-tool.php
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)

471.57

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Library is enriched with sufficient no. of books, e-books, journals, e-journals magazines etc. The Institute library has advisory committee with Principal as chairman and four faculties are members one from each department. Books and journals are procured by librarian on recommendation of the faculties and members after approval by the library advisory committee. In addition, some specialized books are available in the departmental library. College library is using automated SLIM21 version 3.7.0 software with latest version 2020 for issuing and keeping the records of books and journals. College library purchased automated Koha Library Management Software (version 21.05.07.000) with latest version 2022 for issuing and keeping the records of books and journals. The students are free to access books from the book-racks and chosen books are issued to them using the barcode system on books and student id. The appropriate initiative is taken by library committee to render it user friendly. Library extends following facilities - Users are reminded for renewal and over dues. Students can access university question papers and publications. NPTEL Videos and e-journals made available on 10 PCs. e-journals made accessible outside the college campus through J-Gate facility. College library is providing Web OPAC software in a campus and off campus to check the availability and for reserving the books.

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	**C. Any 2 of the above**

File Description	Documents
Upload any additional information	View File
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)

2.06

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

2.35

File Description	Documents
Any additional information	[View File](#)
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

Institution fulfills requirements of IT facilities for students and faculties.

Institute has total 313 computers, which are connected by LAN.

Servers: Institute has servers to different labs, viz.one, (G6) for DSP lab, second (G8) for CC lab and third (G9) for the library, (G5) for application lab.

In 2021-22 institute added 3 laptops. Now there are 21 printers located in different labs, two barcode scanners for library, 3 Scanners, 23 projectors for seminar hall and classrooms, two tabs, 8 laptops, one router for CC lab which is in the main networking lab, 21 (CISCO SG-350, Linksys, CISCO SG-200) switches for LAN connection distribution to different labs

Internet facility and Wi-Fi facility: Institute has internet facility available with speed of 50 Mbps. Institute has provided stronger facility for internet and computer network in campus by shifting the network on manageable switches from unmanageable devices for better connectivity and trouble shooting. Institute purchased one CISCO SG350 Layer 3 24- 4 port switch and 16 no of CISCO SG 350 Layer 2 24 port switches and 1 firewall SG in the year 2021 during pandemic situation for online teaching. For the sake of network security antivirus software was renewed.

Software available: Various software packages (OS Windows 7,10,RDP licence for windows sever, office10, MATLAB, Orell Digital language lab for communication, Labview, AWR, CIMSIM, ANSIS 18, Simens PLC software, CERO 2.0, AutoCad, Kiss slicer, Gas Analyzer, UTM, and antivirus software like e-scan were procured and installed.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

313

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[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)

316.55

File Description	Documents
Upload any additional information	[View File](#)
Audited statements of accounts.	[View File](#)
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.

The physical and academic support facilities/ services are maintained through contracts placed by Central purchase committee of Samstha and are utilized by the institute as per policies decided by the LMC from time to time. Maintenance Contract for services such as transport, security, EPABX, CCTV, conservancy, cleaning of overhead tanks, garden, student mess etc. are reviewed and processed every year. Lab maintenance committee solve the technical problems of each lab, the complaints go to HoT (Head of the Task) of the team and then action taken by committee member.

Sport fields are utilized throughout the year. Sports HoT & team look for the playground maintenance and prepare students for various university level competitions.

At the end of every year library stock verification committee is manually verifies the library books.

The instruments and machines procured are utilized in the institute for the academic purpose. If the equipment malfunctions within the warranty period, it is sent to the vendor for repair or replacement as per warranty conditions. Dead stock verification for the instruments, furniture is done every year. Authorized agency is called for maintenance of equipment like Gen-Set.

IT equipment are maintained through respective contracts. The networking system management is done in-house.

File Description	Documents
Upload any additional information	[View File](View%20File)
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

360

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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

388

File Description	Documents
Upload any additional information	View File
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	**B. 3 of the above**

File Description	Documents
Link to institutional website	**Nil**
Any additional information	[View File](#)
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

68

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

68

File Description	Documents
Any additional information	[View File](#)
Number of students benefited 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	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

65

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**

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.

0

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)

Student Council of the college is an elected body which joins hands with college administration to ensure holistic development of the students and college as well. Student council constitutes; General Secretory, assistant GS, Technical committee head, Creative committee head, Event management committee head, sports committee head, backstage and art committee head, Anchoring committee head and Magazine committee head. A student council member along with the faculty coordinators organizes various co-curricular, extracurricular and different cultural programmes. The students enthusiastically organize and participate in various

cultural events. Cultural incharge, General Secretary, sports and Technical committee head play major role in the organization of the annual multifaceted event 'Anannya' of Cummins College.

Computer engineering department runs The Google Developer students chapter (GDSC) and Coders Club. GDSC organises events, projects.

Mechanical Engineering department have Thermo aspirants club, Mechanical Engineering Girls Association (MEGA), Unnat Bharat Abhiyan(UBA),NSS.

Electronic&Telecommunication department have Technoformers and Rise and Shine.In technoformers, latest trends and technologies are disscussed. Final year students conduct sessions for juniors to teach programing skills for different programing languages.GD sessions, aptitude training, softskills and HR interview techniques are conducted in Rise and Shine club.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

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

1040

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Institution is not registered for Alumnae Association but all alumina contribute to its development by taking various sessions for the current students of the institution.

Mock interviews were arranged for present students by alumnae. Students got benefitted from this and were helpful for their campus placements. Alumnae also emphasize on the opportunities for girls in various sectors in the Mechanical and ETC branch. The planning and requirements for getting campus selection was discussed with the students by alumnae.

Alumnae had contributed financially to needy students through Samsthas Bhaubij Nidhi scheme. Ms. Vaidehi Chinchulkar had donated 10 smart phones worth rs.94000 and institute distributed to needy students for attending online classes during pandemic.

Cummins Alumnae Day'21: It is celebrated on first Sunday of August every year. Platform is provided to Alumini to reconnect with Faculties and past & present students. Virtual recorded tour of the College campus was shown during online virtual meet. The Alumini shared their experiences during , pre& post covid, they also guided the students about industry requirements and asked faculties and students to prepare themselves according to industry needs and demands they shared during the meet.

File Description	Documents
Paste link for additional information	https://us02web.zoom.us/rec/share/j5zZvKMt UFwYbAZPUAk7ByBDyBtfa9UXknUC3eEMZROjFm6WrB- aOR1YOU6iymfv.GivceUyLldD1zYtm Passcode: @LkcJA1&
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | **E. <1Lakhs** |

File Description	Documents
Upload any additional information	View File

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

At the top of governance, Samstha has a Management committee to manage the various units of Samstha.The Managing Committee is formed by elected members from Industry, trustees and lifeworkers and employees' representatives. The Institution has a Governing Council to advice andfacilitate quality education as per the need of industry; academia and research community. The College Development Committee comprises Chairman, elected representative from teaching and non-teaching faculty, IQACcoordinator, experts from academia, industry, social service and Principal as a member secretary. Teaching and nonteaching representatives in CDC act asinterface between staff and management, thus ensuring smooth functioning and timely implementation of policies.IQAC, which plays important role of catalyst in speeding up and proper execution of all sorts of activities to enhance quality of institute.Principal monitors and coordinates overall institute's operations to ensure smooth functioning of institute. Principal plans the activities to beconducted. and appoints coordinators for each activity, Thecommittees then plan and execute that activity in consultationwith coordinator and Principal.HOTs, class teacherand class representatives discuss various issues ofcurriculum, feedback and activities. The requirements of material, equipment, and facility are put upto Purchase

committee.Samstha's HRD committee takes care of thewelfare in the institute.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Upload any additional information	View File

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

Institute hosted Innovex C2P 2021 event under IEEE Technology & engineering management Society (TEMS) in association with IEEE Nagpur subsection. The event is for taking Concept to Product (C2P) and has been planned to encourage product development at college level leading to entrepreneurship. The event involved team of students coming forward with concept of product development, Academic mentor teacher and guide of the project from college, Mentor from Industry in the different categories- Emerging Technology, Smart City, Health & Life Sciences, Agriculture, Lab to Land and Societal Usage judge the presentation for product design and Venture Capitalist (in the final stage) as an angel investor to market the product. This was managed by the SB coordinator and students' executive members.

The first stage of the event was Ideation presentation. 46 groups registered for the event from all over country and shortlisted 25 groups for Ideation. Mentors from industry in the different categories- Emerging Technology, Smart City, Health & Life Sciences, Agriculture, Lab to Land and Societal Usage judged the presentations by the students and also gave them tips/ ideas for further improvement. Cash prizes of Rs 5000/- for the best idea from every category and some consolation prizes were given .

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/index.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Principal receives the input from all faculty members regardingdevelopment in the curriculum. Every faculty arranges the expert lecture of industry person for each subject in every month forcovering topics beyond syllabus.To develop the problem solving attitude among students Activity based learning was implemented inwhich every student has assigned activity by every subject teacher.In pandemic situation Sessional was conducted through onlinemode on College Exam Portal. The result of which was conveyed toparents through PTM (Parents Teachers Meet).The institute is havingincubation - the place where start-ups are born. Incubation centreis aimed at turning the students into young entrepreneurs. Wesupport the ideas of the students and help them to nourish those ideas into plans.The institute an Entrepreneurship Development (ED)Cell as well as Industry Institute Interaction (III) cell.College deputes faculties to attend STTP, FDP, Workshops, Seminars, TrainingPrograms to upgrade their knowledge.Institute gets CSR funds fromIndustry to establish various advance technology labs. Institute hassigned MoU with TCS, Persistent many Nagpur based industries.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://cumminscollege.edu.in/downloads.php
Upload any additional information	View File

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.

At the top of the organizational structure there is a CollegeGoverning Council, College Development Committee (CDC). Strategic plan and strategic decisions of the institution are taken by thisbody. The College Development Committee comprises membersappointed by Samstha, elected representative from teaching and non-teachingfaculty, experts from academia, industry, social service, IQAC coordinator and Principal as a member secretary. LMC is held every 2to 3 months to review progress of the college, give approval to various college activities, sanctions funds for procurement.Teaching and non-teaching representatives in CDC act as interface between staff and management, thus ensuring smooth functioning andtimely implementation of policies.The Principal of the institution monitors day to day academics, financial and

administrativeactivities. He implements Samstha's policiesfor the development of College. Principal also monitors admissions, teachinglearning.activity, placement activities in coordination withPlacement Cell, R&D and ED activities and discipline among studentsand staff. The college follows very a set selection procedure whereapplications are received through newspaper and web advertisements,two level of interviews before HRD appoints teaching faculty . Atthe next level in a hierarchy are the different committees, cellshaving representatives from each department.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Link to Organogram of the Institution webpage	https://cumminscollege.edu.in/downloads.php
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	B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	View File
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

Existing welfare measures for teaching and non-teaching members is as below:- 1. Employees Provident Fund :As per PF rules Keeping in view thefuture safety of employees, the institute

contributes specific amount towards PF of an employee as per PF rules.

2.Medi claim-HealthInsurance: Samstha provides cashless Medi-claimfor the employee and his/her family.3.Gratuity is applicable to every staff after five year of permanentservice.

4.Full paid Maternity Leave: Samstha provides 180 days full paidmaternity leaves 5.Fee concession :Samstha provides fees concession to their wards of economically weaker sraff . 6.Encashment of Earned leave: At the end of service of an employee, he/ she can en-cash his/ her earned leaves 7.Timely Credit of Salary to bank account of employee: Every month, the employee gets the salary on time irrespective of the scholarship received from Samaj-kalyan or not. 8.Reimbursement of Membership fees: There is a provision ofreimbursement of membership fee of any professional body provided faculty publishes a research paper within a year in the concerned professional body.9.Medical leave encashment Facility of balance medical leave to adhoc faculties is available end of every year . 10.Festival advance Non-teaching staff can avail interest free festival advance up-to Rs. 15,000

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
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

7

File Description	Documents
Upload any additional information	View File
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

2

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	[View File](#)
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

56

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	View File
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

The Institution's performance appraisal system consists of 3 parts: Part I -Self-appraisal: The faculty submits self-appraisal report atthe end of every academic year.The teaching faculty provides the following information.

1.Personal information 2.Academic record 3.Research experience and training Part II – In part II the faculty submits following information with documentary evidence wherever required. 1.Teaching experience and performance 2.Innovations / contributions and special efforts in teaching Part III-- In part III the reporting officer (HoD) and Principal gives independent marking on following attributes. 1.Commitment towards teaching 2.Punctuality / Regularity 3.Teaching Methodology 4.Student's feedback from classroom 5.Handling of other than teaching assignments 6.Handling of coordination duties 7.Handling students problems / Counseling 8.Interpersonal relationships and behavior 9.Efforts taken for improvement of college 10.Research attitude Performance appraisal for non-teaching staff has 3 parts: Part I : In this part the employee provides basic personalinformation

Part II : In this the employee writes self-appraisal.

Part III : In this the appraisal is done by the Principal.

Based on the student feedback, the Principal gives suggestions forimprovement in teaching, if required.

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

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

College budget includes recurring expenses such as salary, electricity and internet charges, equipment and facilities maintenance cost, stationary and other consumables etc. It includesplanned expenses such as lab equipment purchases, furniture and other development expenses. Budget is scrutinized and approved byCDC and Management Committee. Accounts department and purchasedepartment monitor whether expenses are not exceeding budgetprovision. There is a separate internal audit department of MKSSS,which monitors proper utilization of finances. Internal Audit wasconducted by "K K MANAKESHWAR Co." external Audit was conducted by"G D Apte Co." for the financial year 2021-22.

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)

40

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Maharshi Karve Stree Shikshan Samstha is a charitable trust. It runson the donations and fees received from the students. Samstha collects donations from various strata of the society and in turnprovides funds to run the institutions. The Institution, MKSSS' Cummins College of Engineering for Women, Nagpur is approved byAICTE and DTE. It is affiliated to RTM Nagpur University. The Institute students are eligible to receive various State GovernmentScholarships such as Samaj Kalyan, OBC, ST and EBC. The fees received from students are approved by Fee Regulating Authority ofgovernment of Maharashtra. All the fees collected from students are deposited with Samstha. Funds are released toInstitute for day-to-day utilization as per demand. Samstha provides funds for conduct of day-to-day activities of college. Samstha alsoprovides funds for branding, sponsoring of social and technical events suitable for progress of the institutions under the Samstha.As per Samstha's rules, the Samstha can arrange funds by means of overdrafts or cash credits, borrow money or raise loans by pledge ormortgage of the property of the Samstha or otherwise, for furtherance of any of the objects of the Samstha.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
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

IQAC committee undertakes academic monitoring to ensure smoothconduct of classes. All departments have academic coordinators whotakes the responsibly of conduct of classes in the respectivedepartment. Due to pandemic the classes were online and hence a Google spread sheet is shared with all the faculties by academiccoordinators. The teachers need to fill the data in the sheet regularly. It includes date time and topics covered during theclass, activities taken in the class and link of videos in support of teaching. The sheet is also shared with principal and DeanAcademics who monitors the sheet and ensures the conduct of classes. Institute has set up an internal IQAC committee who meets after eachtwo months and many topics are discusses in it such as project work,internship, placements, semester results etc. Also the IQAC meetingsaction points are discussed and reviewed by the principal duringsuch meetings and corrective actions are also suggested by him toall. All departmental coordinators give the planning of all the departmental activities during the semester. Reforms if required arealso discussed and implemented if required with immediate effect.

File Description	Documents
Paste link for additional information	https://cumminscollege.edu.in/mandatory-disclosure.php
Upload any additional information	**No File Uploaded**

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

The teaching and learning process is reviewed every week in the formof weekly report generated by each department and is submitted to principal through dean academics. The backlog lectures if any are reported in it for the week .The faculties are required to complete the backlog lectures in the same week or in the next week. In the IQAC meeting the committee reviews the CO-PO-PSO mapping. The attainment levels of each and every subject are presented during the meeting. The members suggest the action to be taken for some subjects for which the attainment level is low as per the benchmark set up by the IQAC committee. The departmental exam coordinators have created a matrix for CO-PO-PSO mapping and the attainment isreviewed by the committee for PSO attainment for the department.As a quality initiative, IQAC has started the moderation of questionpapers of all subjects with

the help of exam committee for eachsessional exam conducted by the college. The blooms taxonomy andblooms level are being checked by the committee and corrections inparticular question paper is communicated to the subject faculty andagain ask the faculty to resubmit the paper for review.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://cumminscollege.edu.in/downloads.php
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

Measures initiated by the Institution for the promotion of gender equity during the year Gender sensitivity is the way to treat equally for both girls and boys without making any differences

between them in any field. Being only women education institute, we are committed to give safe & secure campus for our students. The institute has a women grievance cell (Mahila Takrar Nivaran Sameeti) to sort out workplace related grievances such as Gender Bias, Ragging, Sexual Harassment related issues etc. The awareness sessions on respecting womanhood, work life balance, safety at workplace etc is taken from time to time. Counselling about gender sensitivity is also done by organizing guest lectures, seminars by eminent personalities.

Dr. Priya Ramteke a employee of institute is a qualified counsellor having PhD in Psychology. Needy students are counselled by her. Common room is space provided to students to unwind, relax and also to hold meeting to plan their events, cultural activities etc. The common room is provided with Chairs, tables, bean bags, mirrors. Students decorate their common room for expressing their thoughts in various forms like drawing, painting, craft etc we are committed towards arranging several programs addressing gender equity like Women's Day every year.

File Description	Documents
Annual gender sensitization action plan	7.1 Institute has created an annual action plan as under towards Gender Sensitization. Sr. no Name of Program Dates 1 Womens Day 8 March 2023 2 Baya karve jayanti 5th june 2023 3 Parvatibai Athawale smruti diwas 10 Oct 2023 4 Baya karve punyatithi 29 November 2023 Various initiatives can be taken addresses during celebration of these days to sensitize students/faculties about gender sensitization.
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	a. Safety and security b. Counseling c. Common Rooms

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/	C. Any 2 of the above

power efficient equipment	

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

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 campus is free from any hazardous waste being generated. The condemned batteries are disposed through authorized agencies. All precautions are taken to store few concentrated acids/ chemicals in a safe room.

A practice of safe dispose of sewage and appropriate reuse of treated sewage water is included in the campus which proves to be the obvious and eminent solution for waste water recycling. If waste water reuse is exercised properly; the benefits that can be reaped are far better than any associated costs. The campus is plastic free. We do not use any plastic use and throw material. A modern waste water treatment plant of 12500 ltr/hr capacity is commissioned in the campus to treat sewage from technical buildings and hostel. The STP generated water is reused for gardening purpose. E-waste like electric panels, PCBs, cells etc

is collected at a single point collection center run by NSS unit and is then handed over to an NGO engaged e-waste collection.

Some of the E-waste such as CD drives old obsolete electronics products are being used in Electronic Workshop laboratory for training, demonstrating and reusing components for developing mini projects in the lab.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants	A. Any 4 or All of the above

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

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	B. Any 3 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	View File
Any other relevant information	View File

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

C. Any 2 of the above

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

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

The institute takes continuous efforts to achieve socialeconomic, linguistic, regional and cultural harmony among the students. We are having students and staff from other than Maharashtra state. The major states from where our students come are Madhya Pradesh, Himachal Pradesh, Arunachal Pradesh, Uttar Pradesh, Bihar,

Jharkhand, Chandigarh, and Chattisgarh. Also, our students belong to different socio-economic status and cultural backgrounds.

We have Common uniform for all the students and this is the first attempt when we maintain uniformity in the attire of all the students, no matter to which social class they belongs to. Our students celebrate all the festivals together, be it Holi or Diwali or Eid or Christmas, students celebrates all the festivals with equal enthusiasm.

We also conduct several cultural events through-out the year. Last year due to nationwide lockdown students were not available at the campus. Hence very limited activities were conducted in the above mentioned areas. A few notable activities include some literary work by our students. Our students write Blogs, Poems and articles in different regional languages which show linguistic diversities. Our management members and staff also take parts in the event and encourage students to bring social harmony in the institute.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The parent organization of the institute is being founded by a legendary BharatRatna Maharshi Dhondo Keshav Karve in 1896 in Pune. Institute functions on the path laid by him and always sensitize all its employees and students towards their constitutional obligations, values, rights, duties and responsibilities as a citizen of the country.

Participation and organization in the events like Tree Plantation Drives, Shot Essay Competition on World Earth Day, Webinar on Green Initiatives for Environmental Ecosystem, sensitization of students towards rural life and issues faced by rural population, NSS team of students participated in a survey and its analysis for 100 villages done by Laxmanrao Mankar Trust. The detailed report was presented to the trust with the help of Janakalyankari Samiti. In Covid pandemic to sensitize them, a group of faculties

from the institute made a detailed survey for the villages under its Unnat Bharat Abhiyan Scheme to understand covid related and post-pandemic problems faced by the villagers.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**No File Uploaded**
Any other relevant information	[View File](#)

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	**D. Any 1 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

With the help of an An NGO we distributed the datamini tablet to the needy students on the occasion of Baya Karve Jayanti on 5th June.

On the occasion of "International Yoga Day," A yoga week was organised from June 13th to June 21st, 2021.The Cummins Alumnae

Day was organised in online mode on August 1, 2021. On August 29, 2021, we ran the "Environment Protection drive", during which faculty and students took the "prakruti vandan" pledge.

Engineer Day was celebrated on September 15, 2021. The institute organised poster presentations, quizzes, and debate competitions. On September 30, 2021, institute hosted Laxminarayan Day at the APJ Abdul Kalam Library. On this occasion, Mr. Aalnakr Joshi shared his views regarding the contribution of D. Laxminarayan to RTM Nagpur University in the presence of all the management members.

Library of institute organised an online student speech programme to commemorate the birth anniversary of farmer president APJ Abdul Kalam on October 16, 2021, as "National Reading Day."

On January 25, 2022, the institute organised a guest lecture by Dr. Chatura Joshi to raise voter registration awareness.

On the birth anniversary of Kusumagraj, "the Marathi bhasha diwas" was celebrated in our institute. This event was attended by students.

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.

Best Practice 1

1. Title of the Practice: Financial assistance to students

1. Objectives of the Practice:

   • To provide financial support to needy student

The Context:. Financially weak students are not capable of paying tuition/ hostel fees and other fees. Hence such students are required to be supported financially for continuing their education.

The Practice

   1. Cummins Nurturing Brilliance Scholarship:
   2. Paranjape Scholarship:

III. Scholarship by Persistent foundation: "KIRAN": Girl's scholarship program

.IV. Freeship by Samstha:

V.LPF scholarship:

5. Evidence of Success: The students benefitted from various scholarships are doing well in their studies and completing their education with good academic record without any financial hurdle.

6. Problems Encountered and Resources Required: Large number of

students requires financial assistance to continue higher education.

Best Practice 2

Title: Introduction of student's hour in the time table

   • Give exposure to students by allocating special student's hour
   • The Context: Thought is that students shall be made available for the extra time for carrying out various activities other than studies. Hence a student's hour, was introduced. Faculties have to take care of smooth conduction of these activities. Few activities as listed below-
   • Reading book and discussion
   • Self-defence sessions
   • Problems encountered and resources required:

- **It was not easy to break the mind-set of students and faculty initially to introduce such a new concept.**
- **Separate time table mentioning faculty responsibility was required and made accordingly.**

File Description	Documents
Best practices in the Institutional web site	**No File Uploaded**
Any other relevant information	[View File](#)

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

Maharshi Karve Stree Shikshan Samstha's (MKSSS) Cummins college of Engineering for women, Nagpur is working towards empowerment of women professionals who will be academically and technically sound along with strong ethics. Institute's distinctiveness is elaborated as follows –

- **The management members of Institute are from Industry who has dedicated themselves to social cause.**
- **Strong legacy of educating women from 125 Years.**
- **Association with a multi-national corporate house like Cummins India Ltd.**

Annual Quality Assurance Report of CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

- **Cummins College gets technical and financial support from Cummins India Ltd. Cummins College is the only women's Engineering College having Mechanical engineering branch. We are the only one college in Vidarbha having Tata Cummins 6 cylinders Gen-set engine for practical.**
- **Institute provides Scholarships to needy and deserving students through various scholarships such as :**

1. **Cummins Nurturing Brilliance scholarship by Cummins India Foundation - Total 39 students with scholarship amount Rupees 2654071/-**
2. **Leela Poonawala Scholarship-Total 79 students with scholarship amount Rupees 3640000/-**
3. **Kiran Scholarship by Persistent Limited – Total 9 students**

with scholarship amount Rupees 360000/-
4. MKSSS scholarships from Samstha - Total 255 students with scholarship amount Rupees 4220837/-
5. Paranjape scholarship - Total 9 students with scholarship amount Rupees 108127/-

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

Institution is going to tie up with technology company for imparting hands on training to its faculty and students in the field of emerging technologies such as AI/ ML and IOT.

The institute is planning to do enhancement of department laboratories for Industry 4.0, in the field of robotics, IOT. Students will be encouraged to make extensive use of Matlab and Labview lab for project work

Research and development cell requires momentous improvement. It is planned to establish more collaborations with industry in order to increase interaction of the students with industries. It is obligatory for each department to work towards getting funded projects from various government agencies or organizations

To increase the library usage, it is decided that the activity of presentation on any topic from the Journal will be carried out department wise. Library department is planning to conduct various competitions regarding handwriting; crossword puzzles etc.

Institute has decided to arrange more skill development training programs for students and faculties so that they can keep themselves updated.

Institute is planning to carry out more extension and outreach activities in the nearby villages.

Institution has planned and working towards getting highergrade in second cycle of NAAC accreditation