



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women
• Name of the Head of the institution		Dr. Madhuri Bhushan Khambete
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		02025311111
• Alternate phone No.		02025311162
• Mobile No. (Principal)		9225517613
• Registered e-mail ID (Principal)		principal@cumminscollege.in
• Address		Karvenagar
• City/Town		Pune
• State/UT		Maharashtra
• Pin Code		411052
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		09/03/2016
• Type of Institution		Women
• Location		Urban

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Prof. Hitendra Shankarrao Khairnar				
• Phone No.	02025311162				
• Mobile No:	9860090160				
• IQAC e-mail ID	deanqa@cumminscollege.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://cumminscollege.org/wp-content/uploads/2024/01/AQAR-2022-23.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://cumminscollege.org/wp-content/uploads/2024/03/Academic-Calendar-2023-24_R6.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	70-75	2002	15/05/2002	14/02/2007
Cycle 2	A	3.33	2012	15/09/2012	14/09/2017
Cycle 3	A	3.16	2017	30/10/2017	29/10/2022
Cycle 4	A	3.16	2023	02/06/2023	01/06/2028
6.Date of Establishment of IQAC			26/09/2011		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File
9.No. of IQAC meetings held during the year	2
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. Vision and Mission statement of the institute is revised by considering various inputs and feedback from stakeholders, Faculties and Alumni etc. 2. By coordinating through Deans, Head of Departments and faculties, a performance based appraisal system of faculties is revised. 3. IQAC members contributed in deciding various tacks of proposed ICAET-25 conference</p>	
12.Plan of action chalked out by IQAC at 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
To provide audio and video recording facility for MOOC courses	Got funding from SPPU for audio and video recording setup and MOOC center is established in the institute in AY 2023 - 24
13.Was the AQAR placed before the statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Nil	Nil

14. Was the institutional data submitted to AISHE ?	Yes
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<ul style="list-style-type: none"> • Year
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Year	Date of Submission
2022-23	14/02/2024

15. Multidisciplinary / interdisciplinary

The institute aims at the holistic development of students and has developed the program curriculum incorporating multidisciplinary approach so as to satisfy the technical needs. The actions taken to comply with the NEP and to incorporate multidisciplinary approach are as follows: The implementation of the Honor and Minor Graduate Degree Program introduces a flexible curriculum that incorporates a multidisciplinary and interdisciplinary approach, offering a variety of program-specific and open electives. A wide range of program electives is available to students, helping to break down the rigid boundaries of traditional curricula and fostering opportunities for lifelong learning. The curriculum includes a diverse selection of open electives spanning interdisciplinary and multidisciplinary fields, alongside core courses and program-specific electives. Inclusion of Soft Skills and Professional Ethics in the curriculum. A Pedagogy Cell that emphasizes on communication, discussion, debate, research, and opportunities for cross-disciplinary and interdisciplinary thinking. The curriculum includes courses on Humanities and Performing Arts, emphasizing a multidisciplinary and interdisciplinary approach. Additionally, it offers Universal Human Values courses and credit-based projects designed to serve the society.

16. Academic bank of credits (ABC):

Institute has registered on the National Academic Depository portal . All students' Academic Bank of Credits (ABC) ID is created. Institute has created awareness amongst the students regarding Academic Bank of Credits.

17. Skill development:

The institute provides technical education to students, with laboratory and hands-on sessions being an integral part of the curriculum. These sessions play a key role in developing students' practical and programming skills. In addition to these, various skill development workshops and courses are organized through technical chapters to enhance students' technical competence.

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

The curriculum of Indian Knowledge systems covers introduction to Indian Linguistics-evolution of Indian languages like Tamil, Telugu, Marathi Punjabi, Bengali. Curriculum also covers introduction to ancient Indian philosophy and knowledge system like Ved, Upanishad. It also covers introduction to Ayurveda, Ancient Indian agricultural practices , astronomy and arthashastra by Kautilya. Information of ancient Indian Architecture like Principles of Vastu shastra, Temple architecture, War fare and also the ancient Indian engineering systems like marine engineering, Textile industry & metallurgical development are also covered in the curriculum. The ancient Indian Art forms like Music, concept of Raag, Different ancient Indian dance forms, painting, pottery are also introduced through the curriculum. Two credit course for First year engineering which promotes students in knowing and exploring more about ancient Indian Knowledge

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

The institute follows Outcome-Based Education (OBE) for all UG and PG programs. Each program defines "Program Specific Outcomes" aligned with the general outcomes of engineering programs, reflecting the graduate attributes as per the NBA framework. Both theory and laboratory courses have clearly defined Course Objectives and Outcomes. The achievement of these outcomes is regularly assessed, and areas for improvement are identified accordingly.

20.Distance education/online education:

In addition to classroom and laboratory instruction, faculty members enhance the learning experience by uploading teaching materials, lecture videos, and demonstrations for student reference. Learning Management Systems such as Moodle and Google Classroom are extensively used for this purpose, with platforms like YouTube and similar channels providing access to video content. Furthermore, NPTEL certificate courses are offered as program electives, allowing students to expand their learning through high-quality online resources.

Extended Profile

1. Programme

1.1 Number of programmes offered during the year:	8
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File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 Total number of students during the year:	2675
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File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	685
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	2675
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File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 Number of courses in all programmes during the year:	381
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File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	146
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	152
Number of sanctioned posts for the year:	

4. Institution

4.1	270
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	35
Total number of Classrooms and Seminar halls	

4.3	1674
Total number of computers on campus for academic purposes	

4.4	1809
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

MKSSS's Cummins College of Engineering was the first Women's Engineering College established in India, in 1991. In addition to AICTE and UGC guidelines, National Education Policy 2020 (NEP) has been enforced with effect from A.Y. 2023-24 as per the Ministry of HRD, at the FYBTech level. Courses such as Indian Knowledge System, Liberal learning 1 and 2 have been implemented along with Basic and Engineering Sciences. Additionally, courses such as Professional Communication, Programming Skills in C and Python Language Lab(s),

Object Oriented Paradigms in Java, have been initiated to strengthen the students' skill set. The Internship programme of 6 months for Sem VII has been implemented since A.Y. 2023-24. Additionally, Multidisciplinary minors and Open Electives such as Electric vehicle, Data Science, Full stack, Information Security Management, Machine learning etc. have been introduced. Guidelines by professional bodies like ACM, IEEE, ASME, CSI, ISA are considered and feedback regarding curricula is taken from recruiters such as Walmart, SAP Lab, Wells Fargo, MasterCard, Wabtec, Schneider Electric, Visa etc. Stakeholders and industry experts are invited in the Governing Body, Academic Council, IQAC and various BoS of the institute. Courses having social relevance such as Human values, Renewable energy, Environmental studies are also included in the B.Tech curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

270

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

73

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

5

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

National Education Policy 2020 (NEP) was implemented in the institute from A.Y. 2023-24 as per guidelines from Ministry of HRD,

GOI. The Institute creates awareness in students regarding cross-cutting issues by extending relevant courses in the curriculum. Importance of human values is emphasized through UHV-I and UHV II as per AICTE. Courses on Professional Ethics and Etiquettes, Leadership & Personality Development, Professional Communication, Indian Knowledge System (IKS) and Intellectual Property Rights are implemented. The Institute is an All Women Engineering College and to appreciate gender diversity and equality, it provides bandwidth for the students to participate in inter and intra level College competitions. The Institute has formed Professional Society Chapters such as SWE, ASME, SAE, ASHRE, IEEE, CSI, ISA and ACM-W that provide opportunities for students to network and learn through workshops, experts sessions relevant to the state-of-the art technology. Sustainable Engineering, Green Computing, Renewable Energy courses are introduced in the curriculum to highlight issues such as Waste Management, Smart city, Green Materials and bring about potential contribution in these areas as an Engineer. The Institute promotes National Service Scheme (NSS) activities related to sustainability such as tree plantation drives, water conservation, river cleaning, traffic management, blood and organ donation.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

2

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

782

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

676

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://cumminscollege.org/wp-content/uploads/2024/12/1.4-Action-taken-report-AY-2023-24.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://cumminscollege.org/wp-content/uploads/2024/12/1.4-Action-taken-report-AY-2023-24.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

632

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

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

203

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institute motivates every student to explore and reach her potential and does not discriminate between slow and advanced learners on the basis of academic performance.

Slow learners

- Slow learners are identified by faculty through interactions in class /labs.

- Individual guidance is given by the mentors and course instructors.
- Students can work in the labs besides the regular schedule.
- Online resources were made available to the students.
- For students with weak communication skills: Institute has a "Garnishing talent program" in collaboration with the Confederation of Indian Industry (CII), EATON.

Advanced learners

Advanced learners can learn beyond the curriculum through curricular and extracurricular activities.

- Assignments with challenging problem statements are given.
- Students are motivated to participate in various technical competitions such as Robocon, BAJA
- Students' achievements are published in the newsletter and magazine.
- Students with innovative ideas are encouraged to implement and assistance is given to file the patent.
- Students are encouraged to participate in conferences to publish their research with financial support.
- Students enroll in activities conducted by professional societies like IEEE, ISA, SAE etc.
- Institute felicitates academic and sports achievers and best outgoing students.
- The students are fully sponsored for pursuing an M.S. program at Purdue University, USA

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2024	2675	146

File Description	Documents
Upload 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 institute's faculty members adopt different techniques to make the teaching-learning experience effective.

1. Participative Learning:

- Flipped Classroom - Resource material is shared with the students prior to the classroom session.
- Quiz-The students can self-assess what they know and what they need to know.
- Case study-based learning -Under this activity, students work in small groups. Cases under studies are explored.

2. Experiential learning:

- Internships and Projects
 - Internship facilitates students to explore the industry requirements, gain experience, and learn new skills which add value to them.
 - Project activity provides students enormous opportunities to learn and develop many technical as well as non-technical skills.
- Laboratory experiments/sessions
 - Laboratory sessions give opportunities to learn through experiments. In laboratory sessions students explore and learn theoretical concepts.
 - To improve the self-learning ability among the students, open-ended assignments are defined by the faculties.
- Workshops for Students:
 - Institute organizes workshops for students to gain hands-on experience and to learn the latest technologies.

3. Technical competitions participation:

- The students are encouraged to participate in various technical competitions.

4. Problem-based learning:

- Mini-projects and Final Year Project: Students identify real life problem statements which can be solved by applying engineering knowledge.

- **Tutorials:** Students' learning is reinforced by tutorial sessions by solving conceptual problems.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The following ICT-enabled tools/techniques are used for effective teaching, learning, and evaluation process

a) **Google Classroom:** The institute availed G Suite Enterprise for Education edition, which allowed recordings of online sessions taken by faculty to all the students.

b) **Moodle:** Institute conducted training for the faculty on Learning Management Systems using Moodle. This help to share teaching material as well as attempt Quiz, games, assignments, and mark attendance.

c) **Youtube channel:** Faculty record their videos using screen-cast tools. The recorded videos are shared with students.

d) Institute has a provision in the curriculum for students to enroll in MOOC courses conducted by NPTEL/ SWAYAM/ COURSERA.

e) **Virtual Lab:** Institute provides a facility for remote access to simulation-based Labs.

f) Institute provides digital content to the students through the digital library. It is available through remote login of Web-OPAC.

g) Institute has made the software available to the students for a better understanding of concepts. Such as MATLAB, Xilinx, NASM, Android, Java Eclipse, Python, Delta-V, SCADA, Solid works, Automation Studio, ANSYS etc.

h) **Video clips and Animation:** Some courses include complex concepts that are difficult to understand without visualization. Such visualization can be achieved by using multimedia tools like animation and video clips.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://docs.google.com/document/d/1z8cuScG6Z33MjgiICIAmJcNMnvYgWUrp/edit
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

122

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

At the start of the academic year, the institute prepares the semester-wise academic calendar for all undergraduate and postgraduate programs. It is approved by the Principal and released by the dean of academics. The academic calendar is displayed on the notice board as well as on our college website before the commencement of classes.

The academic calendar majorly consists, of dates of start/end of the semester, in-semester and end semester examinations, summer term, holidays, etc. The academic calendar comprises of detailed schedule in terms of week slots for the conduction and result declaration of in-semester examinations and end-semester examinations. Also provides information about the availability of students' answer sheets for semester Examinations. Timelines for other activities like industrial visits, mentor meetings, completion of term work and assessment work, feedback, and curricular and co-curricular activities are taken into consideration at the department level. In line with the academic calendar of the institute, every program schedules its faculty development programs, student workshops, and co-curricular and extracurricular activities in the department's

academic calendar.

Every faculty member follows the academic calendar and planned accordingly their Teaching and Learning schedule. The teaching plan is prepared by every faculty of this institute and it is declared/share with the student every semester. The teaching plan comprises the information about lecture plan, teaching-learning methods, and mode of conduction of in-semester examinations such as assignments, quizzes, presentations, etc.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

146

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

63

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2100

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

9

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

104

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

1. Examination Procedure:

- Principal appoints course chairman and paper setter for every course.
- In Semester examination consists of two components viz. T1 of 25 marks and T2 of 25 marks and End-semester Examination (ESE)

of 50 marks

- All the assessments are mapped to the course outcomes and Bloom Taxonomy levels.
- The faculty members evaluate the answer sheets of both ISE- T2 and ESE and discuss them with students.
- Absolute grading is done and grades are awarded as per UGC guidelines.
- During pandemic, online proctored examinations were conducted using the Ion Exam.

1. Processes integrating IT:

- College has adopted the EMS module- Ion EMS examination Management System, Ion DVS for digital evaluation.
- Results are made available to the students on the Ion student App.
- IT integration features incorporated during a pandemic
 - Online proctored examinations were conducted using the Ion Exam module.
 - Question banks were submitted to the exam section, and question paper sets were auto-generated and assigned randomly to the students.

1. Continuous Internal Assessment System:

- In Semester examination consists of two components viz. T1 of 25 marks and T2 of 25 marks.
- T1 is conducted using various assessment modes such as assignments, viva-voce, puzzles, crosswords, seminars, model building, etc. T2 is conducted using paper pencil mode.
- The evaluated ISE answer sheets are discussed with the students to ensure transparency

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

2.6 - Student Performance and Learning Outcomes

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

The institute has adopted Outcome Based Education and hence the curricula of all the programs are designed to attain Program Outcomes. The Program Outcomes are the qualities that must be imbibed in the graduates by the time of completion of their program. Each program also has Program Specific Outcomes, which cater to the program-specific competencies. PSOs are formulated by the faculty members' team and approved by the respective BoS.

Program Outcomes and Program Specific Outcomes are displayed on the institute website, at key locations in the institute, and in the departments.

Course outcomes are defined for each course in the curriculum by taking into account Program Outcomes and feedback from various stakeholders such as industry, alumni, and guidelines from professional bodies such as AICTE, IEEE, ASME, SAE, etc. Course Outcomes are formulated using appropriate action verbs defined by revised Bloom's taxonomy. They are discussed with the students in the lecture, tutorial, and laboratory sessions by course instructors and course chairmen. Course instructors and mentors create awareness about the course outcomes amongst the students. The importance of attaining course outcomes is emphasized during interactions with the students.

Course outcomes for all the courses for all the programs are displayed on the college website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Describe the method of measuring attainment of POs, PSOs, and COs in not more than 200 words and the level of attainment of POs, PSOs, and COs.

CO Attainment:

A departmental committee comprising the HOD, senior faculty members, and experts from academia and industry reviews CO-PO and CO-PSO

mapping.

Attainment Tools Used and Weightage:

- Direct CO attainment (95%): Includes Cumulative Internal Examination (CIE), Semester End Examinations (SEE), Continuous Assessment (CA), Practical, and Oral Examinations.
- Indirect CO attainment (5%): Based on the End Course Survey.

Direct CO attainment steps:

1. Map each question in assessments to COs.
2. Group questions as per CO mapping.
3. Apply the students' performance threshold value.
4. Compute the percentage of students above the threshold for each CO.
5. Compare CO attainment with set levels.

Direct CO attainment levels:

- Level 1: < 40% students.
- Level 2: 40% - 60% students.
- Level 3: ? 60% students.

PO and PSO attainment:

Attainment Tools and Weightage:

- Direct Attainment (80%): Based on CO attainment.

Indirect Attainment (20%): Includes Exit Survey, Employers' Survey, Alumnae Survey, Co-curricular, and Extra-curricular Activities.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

678

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://cumminscollege.org/wp-content/uploads/2024/12/Student-Satisfaction-Survey-23-24.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Research Facilities:

The institute laboratories are well equipped with high end hardware/software facilities such as high end workstations in AR/VR lab consisting of VR headset and mixed reality headset, ansys license copies, Power Lab , 3D printers, Labview, DCS etc.

Policy for promotion of research:

The Institute has well defined research promotion policies as follows:

- Incentives for SCI/SCOPUS Indexed Journal Publications
 - If the paper is published in SCI / SCIE Indexed journal, faculty get Rs. 10,000 and SCOPUS / ESCI indexed journal publication, they get Rs. 5,000 incentives.
- Incentives for Funded research projects.
- Research Initiation Fund:
 - Under the 'Research Initiation Fund', a grant up to Rs. 2 Lakhs shall be awarded to applicant faculty .
- Reimbursement of Conference Registration Charges (for Faculty)
 - The institute reimburses 100% registration charges for the 'SCOPUS indexed conference publication'. In case of international conference (SCOPUS indexed), institute reimburses upto max Rs. 50,000 inclusive of registration and travel charges.
- Patent / Copyright Filing
 - If the patent application is filed as per the IPR policy of the institute, all the charges of filing and maintaining IP are borne by the institute. Higher Education Institute offers full paid Study leave to permanent faculty for a maximum of 2-years.
- Reimbursement policies for students
 - Institute reimburses 50% of the registration charges for the conference papers of students.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.cumminscollege.org/research-2/research-support-schemes-policies/
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.65

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

30.74371

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

9

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://cumminscollege.org/wp-content/uploads/2024/12/Grants_2023-24.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

29

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://cumminscollege.org/wp-content/uploads/2024/12/Grants_2023-24.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Ecosystem for innovations:

To enhance innovations, creation and transfer of knowledge and nurture an entrepreneurial mindset among students, our institute has actively implemented an ecosystem through various dynamic systems.

- **Centers of Excellence:** Institute has established following center of excellence to enhance research
 - Danfoss Hydraulics Centre of Excellence.
 - Center of Excellence in Artificial Intelligence (CoE in AI), sponsored by Cummins Ltd.
- **Entrepreneurship**
 - Integration of courses like Intellectual Property Rights (IPR), Entrepreneurship Development (ED), Research Methodology (RM), and Design Thinking
 - Offering a Minor Program in Entrepreneurship.
 - Regular activities and events organized for IPR and ED.
- **Fostering Community Connections Through Student Involvement:**
 - **Student projects:**
 - Students actively contribute to developing solutions for diverse projects addressing community challenges and recognized by the 'Kedar Tumane Innovative Project Award' to encourage innovative project ideas.
 - **Patents:**
 - Students are encouraged to patent their innovative ideas, resulting in 12 patents granted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cumminscollege.org/wp-content/uploads/2024/12/3.3.1-and-3.3.2-ED-Acitivity-Report_2023-24.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

16

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://cumminscollege.org/wp-content/uploads/2024/12/3.4.2-Registered-Ph.D-Students.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.55

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cumminscollege.org/wp-content/uploads/2024/12/3.4.4-Book-Chapter-Proofs.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

1411

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

17

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

3.26668

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Students are encouraged to take up extension activities for their holistic development.

- Students are encouraged to participate in extension activities for their holistic development.
- Courses focusing on Value Education and Universal Human Values are offered to sensitively educate students about their roles and responsibilities as members of society.
- External experts are invited for guest lectures, shedding light on critical social issues like traffic regulations and voters' responsibilities.
- Students actively engage in extension activities through organizations like NSS, NCC, professional society chapters, and student clubs.
- The institute boasts an active NSS wing that spearheads initiatives such as Tree Plantation Drives, Swachhata Hi Seva, E-Waste and Plastic Waste collection, Health Check-ups, Blood Donations.
- A highlight is the Seven Days Residential Special Camp designed for NSS students, involving activities like Village Cleaning, Teaching School Students in the Village, and conducting various Awareness Programs for villagers. Free Health Check-up Camp for villagers like Eye check-up and Body parameter Check-up.
- Members of organizations like IEEE, SWE and ISA at CCEW enthusiastically participate in diverse outreach programs.

These initiatives instill in students a strong sense of social responsibility, fostering a belief in giving back to society to improve their surroundings. These experiences provide a comprehensive understanding of life beyond technical and academic achievements, contributing significantly to the holistic development of individuals.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cumminscollege.org/wp-content/uploads/2024/12/NSS-Report_2023-24-and-Camp.pdf

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

5

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

49

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

100

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

4

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

23

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

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 equipments, etc.

The institute campus area is 4 Acres with built-up area 26845 sq. meter. offering a well-maintained environment that supports holistic student development.

The infrastructure includes 31 well-equipped classrooms, each designed for effective learning with facilities such as projectors,

blackboards, and power backup systems.

To meet academic and research requirements, the institute is equipped with 54 laboratories aligned with the curriculum. These labs feature advanced tools and software, including Ansys, Creo, MATLAB, LABVIEW, POWERLAB, Microvision Keil and Proteus (PCB Design and Circuit Simulator Software). High-end equipment like the Emerson Delta V system and 3D printers is regularly maintained and upgraded, reflecting the institute's dedication to staying at the forefront of technology.

The workshop, equipped with welding apparatus and CNC machines, supports practical work, projects, and national competitions like Baja and Robocon.

The campus also features four seminar halls, each outfitted with modern audio-visual facilities, providing an excellent platform for seminars, workshops, and other intellectual engagements.

With 1,674 computers distributed across specialized labs and two computer centers, the institute ensures uninterrupted access to digital resources, supported by a reliable power supply.

The library serves as a hub for academic and research pursuits, housing an extensive collection of books and journals. It also subscribes to a wide range of e-resources annually, ensuring that students and faculty have access to the latest knowledge and research material.

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

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

Students are actively encouraged to participate in a variety of cultural events, including annual gatherings, Fresher's Day celebrations, and intercollegiate competitions. The campus boasts an open auditorium spanning 444.4 square meters, equipped with a 70.342 square meter stage featuring a state-of-the-art sound system, music system, lighting, and other allied equipment. Seminar halls with state-of-the-art facilities are utilized not only for cultural

programs but also for hosting academic seminars, workshops, and guest lectures, providing a versatile space for various student-centric activities. To ensure smooth execution of these events, a dedicated storeroom is maintained for efficient equipment management.

Sports Facilities

The college provides extensive sports facilities to promote physical fitness and teamwork. A 2.5-acre playground is designed for outdoor games such as football, basketball, volleyball, and more. For indoor enthusiasts, spaces for Carrom, Chess, and Table Tennis are readily available. These facilities enable students to participate in various tournaments and competitions, fostering a healthy competitive spirit.

Gymnasium and Yoga

The 3,500-square-foot gymnasium is well-equipped with facilities for machine exercises, free weights, aerobics, and Zumba. It is accessible to students and staff at concessional rates, encouraging fitness as a part of daily life. A separate hall is dedicated to yoga and meditation, reinforcing the college's commitment to physical and mental well-being.

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

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

35

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

323.23

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

The institute has a state-of-the-art centralized library.

Since 2023, the library has been using the Integrated Library Management System KOHA (Version 21.05.07.000). This system streamlines key functions such as acquisition, cataloging, circulation, and serial control. A barcode-based system is used for the issue and return of books, ensuring efficiency and accuracy.

Students and faculty can conveniently search for books through the web-based OPAC (Online Public Access Catalogue) and access their library accounts both on and off campus. Additionally, a digital library link is integrated into the OPAC for seamless access to online resources.

The library leverages email alerts to enhance user experience—students receive timely reminders to return books, while faculty are notified about newly arrived books based on their recommendations.

To encourage active library use, the ten most active student users, identified through issue reports, are awarded an increased book borrowing limit for one year.

- Name of the ILMS software : KOHA
- Nature of automation (fully or partially) : FULLY
- Version : 21.05.07.000

- Year of automation : 2023

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

53.54

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

180

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college is equipped with a robust Data Center featuring the Fortigate FG600E Firewall, ensuring secure and efficient bandwidth management. This system allocates sufficient bandwidth for uninterrupted internet access while restricting access to non-academic and unnecessary websites. As a result, students and staff have a secure and focused internet environment dedicated to educational purposes.

For endpoint security, the college utilizes licensed Seqrite EndPoint Security for Windows-based systems. This antivirus solution effectively safeguards systems against viruses, phishing attempts, and malware attacks, ensuring the security of devices across the network. The Seqrite server is centrally managed for timely updates, reducing bandwidth usage when downloading patches from the official website. This streamlined approach enhances cybersecurity while optimizing resource utilization.

The Institution has an IT policy covering wi-fi, cyber security for updating its IT facilities. The scanned copy of IT Policy is attached herewith.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2675	1674

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above
--	----------------------------------

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

673.63

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The institution implements a structured policy and system for the maintenance and utilization of its physical, academic, and support facilities, ensuring they function optimally.

Classroom maintenance is managed by a dedicated institutional team, providing a conducive environment for activities such as lectures, examinations, and cultural events.

Laboratories are managed by designated lab in-charges who supervise regular inspections, equipment calibration, and systematic documentation of maintenance activities in logbooks. A dedicated technical team addresses issues promptly, while departmental staff ensure cleanliness and organization within the labs.

The library, spread across 714 square meters, houses a rich collection of resources, including technical books and materials for competitive exams. Updates to the collection are carried out regularly, following faculty recommendations and an approval process. A reading hall is available to students throughout the week for uninterrupted study.

The institution's computer infrastructure is centrally managed, with preventive maintenance carried out regularly. An IT policy is in place to uphold standards, ensure security, and promote responsible use of technology.

The sports complex, encompassing a 2.5-acre playground, is regularly maintained to support various sports activities, coaching sessions, and inter-campus competitions.

Electrical repairs are efficiently managed by in-house electricians, ensuring seamless operations across the campus. Additionally, outsourced agencies handle tasks such as cleanliness, water tank cleaning, sewage chamber upkeep, and lift maintenance, maintaining the physical infrastructure to high standards.

This integrated approach ensures a well-maintained, safe, and conducive environment that supports both academic excellence and extracurricular engagement.

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 benefitted by scholarships and freeships provided by the Government during the year

1267

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

226

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities
Soft Skills
Language and Communication Skills
Life Skills (Yoga, Physical fitness, Health and Hygiene)
Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://cumminscollege.org/student-corner/student-activity/capacity-development-and-soft-skills-development-activities/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and

career counselling offered by the institution during the year

596

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

596

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

12

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

15

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

16

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

There is a separate student council at the college. There are 55 positions on the student council, including library representative, treasurer, sports secretary, cultural secretary, and technical secretary. For these positions, students nominate themselves. The yearly "Innovation" tech-fest, which includes a variety of technical competitions, workshops and seminars, are organised by the technical secretary and student volunteers. Training and Placement officer receives assistance from the placement cell representatives in a variety of placement-related tasks. The TPO and student cell representatives addresses the concerns or difficulties that the students were facing. The college magazine "Kshitij" is published annually by the magazine team, which is led by the magazine secretary. The magazine committee also participates in a number of department newsletters. The Pentacle intercollegiate sports event is planned and supervised by the sports secretary. Enthusiastic student volunteers provided strong support for this event. Art exhibits and other cultural activities like the "Gandhaar-Annual Cultural Program" are organised and carried out by the cultural secretary. The budget planning and expenses necessary for each event are handled by the treasurer and assistant treasurers. In order to smoothly organise various events in accordance with the academic schedule, the student council collaborates with the faculty regularly. The college's Internal Quality Assurance Cell (IQAC) also includes the University Representative, General Secretary, and Cultural Secretary. Students also serve on the Department Advisory Board (DAB), the Internal Complaint Committee, and other committee.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

7

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The "Cummins College Alumni Association, Pune" is officially registered in October 2019. The objective is to strengthen the association between our alumni, the society and the college. The association develops a strong interaction between alumni and current students of the college. The association fosters a close relationship between the college's current students and alumni. In order to meet the needs of students and the industry and to strengthen the bonds with alumni from a variety of sectors, the Alumni Association seeks to improve the Institute-Industry-Alumni connect. This association serves as a platform for the general welfare of the ever growing Cummins College community and the society as a whole. There are fifteen life members in the Managing Committee of the association. These members are supported by the alumni coordinators of the respective departments for the smooth and successful functioning of the association. The General Body meeting is scheduled twice annually. Alumni Association has a dedicated website with link <https://alumni.cumminscollege.org/>. The Alumni portal is used extensively to post the achievements, information about notable alumni, events conducted, job opportunities in organizations of alumni, etc. The alumni support the college by donations to institute or supports financially to needy students, delivering the guest lectures, webinars to students, Workshops on technical and nontechnical subjects, evaluating the projects and technical events etc.

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

5.4.2 - Alumni's financial contribution during

C. 5 Lakhs - 10 Lakhs

the year	
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 an effective leadership in tune with the vision and mission of the Institution

The vision and the mission of the Cummins College of Engineering for Women are as follows:

- Vision of Institute

To be a globally renowned institute for imparting quality education and to develop women leaders in engineering and technology

- Mission of Institute

To develop women professionals who are academically and technically competent with strong professional ethics.

Perspective Plan:

The institute has developed its perspective plan through a rigorous process of internal discussions for the institute's overall development. Senior faculty members, Heads of departments, deans are involved in drafting perspective plan. Plan is reviewed by governing body members and external advisors from industry and academia. The plan is modified considering inputs of governing body members and advisors.

The following parameters are considered while finalizing plan

1. Strengths and weaknesses of the institute
2. Students' inclinations and aspirations
3. Industry feedback
4. Achievable outcomes in five years

Perspective Plan is divided in three categories

1. Teaching-Learning & Evaluation
2. Readiness for Careers
3. Research and Extensions

Participation of faculty members in decision making:

The institute supports decentralization and encourages participation of faculty members in decision making. Faculty members are of various statutory bodies and administrative committees like the Governing body, Academic Council, CDC, IQAC, BoS, IIPC, IPC, Purchase, etc.

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The college practices decentralization and encourages participative management by involving students and faculty members at various levels in organizational structure. Students and faculty members are involved in academic, co-curricular and extra-curricular activities in the form of student representatives, coordinators and incharges.

Student Election Panel : Student governance plays a vital role in college life, with student elections serving as a platform for students to elect representatives and leaders who voice their concerns and champion their interests. The college features an independent Student Panel, offering students the opportunity to actively influence campus life and engage in various activities through annual elections.

The panel comprises key roles such as Technical Secretary, Placement Representative, Sports Secretary, Cultural Secretary, Treasurer, and Library Representative. Working closely with faculty coordinators, HODs, and Deans, the Student Panel takes the lead in planning and organizing cultural, sports, and technical events. They are instrumental in determining the theme and budget for flagship events such as the cultural fest, Gandhaar, the technical fest, INNOVATION, and sports event PENTACLE.

Panel members act as a bridge between students and authorities,

communicating ideas and ensuring effective planning. Student teams collaborate with the panel to efficiently execute the planned activities, fostering teamwork and leadership throughout the process.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college has developed its perspective plan through a rigorous process of internal discussions. Deans, HODs and Senior faculty members are involved in drafting the perspective plan. The plan is reviewed by governing body members and external advisors from industry and academia.

The plan is divided in three contexts

1. Teaching-Learning & Evaluation
2. Readiness for Careers
3. Research and Extensions

Considering the aspirations of the stakeholders, the goals for every context are set. According to the goals, action points are defined. To evaluate execution of the plan, success metrics are also defined.

The teaching, learning, and evaluation aspect of the Perspective Plan focuses on implementing a question paper audit to ensure effective teaching delivery and accurate student assessment.

IQAC cell conducts a review meeting for a perspective plan and accordingly actions are taken by the institute for proper implementation of the strategic / perspective plan.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://cumminscollege.org/wp-content/uploads/2024/12/Criterion-6-Perspective-Plan.pdf
Upload any additional information	No File Uploaded

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

The Board of Deans are the heads of the development areas for Academics, Quality Assurance, Research and Development (R&D), Student Affairs and Alumnae.

- Dean Academics coordinates in planning and execution of the curriculum activities.
- Dean Quality Assurance coordinates to develop, disseminate and monitor the quality activities.
- Dean R&D coordinates and supports the activities under research and development.
- Dean Student Affairs handles different co-curricular and extracurricular activities and issues related to students.
- Dean Alumni handles the alumni association.
- Dean International Relations handles the collaboration with other universities and industry at international level
- The Dean examination controls the functioning of the examination section.
- All Heads of the Departments monitor academic and administrative functions of the departments.
- Registrar acts as a Head of administrative staff of the institute.
- The Training and Placement office provides opportunities and facilities for industry placements.
- Library staff maintain the collection of books, periodicals, magazines and e-resources.
- The Sports Director handles opportunities and facilities for indoor and outdoor games.

The institute functioning is guided by different statutory committees like Governing Body, College Development Committee, Internal Quality Assurance Cell, Human Resource Development Committee, Anti ragging Committee, Institutional Academic Integrity

Panel .

File Description	Documents
Paste link to Organogram on the institution webpage	https://cumminscollege.org/about-us/organization-structure/
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The college provides welfare measures as follows.

- Gratuity as per the rules.
- Maternity and other medical leaves as per the rules.
- Group insurance
- Mediclaim policy
- Employees Provident Fund (EPF) scheme
- Registration fees to all the staff for attending workshops, seminars, etc.

For teaching faculty the college provides

- Career Advancement Scheme (CAS)
- Full paid Phd study leave scheme
- Incentives for publications in indexed journals and funded projects
- Registration fees for presenting research work in national and international conferences.
- Fees for filing and publishing the research work in the form of Patents
- Seed funding for faculty research work

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://cumminscollege.org/wp-content/uploads/2019/03/ServiceRulesforTeachersOctober2017.pdf

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

43

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

112

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The internal and statutory audits are conducted every year.

In the internal audit vouching, receipts, ledger scrutiny, depreciation, grant utilization, fees reconciliation etc. are scrutinized.

In Statutory audit, external auditors check financial documents and files.

Auditors' reports are discussed in the finance committee as well as in management meetings. The objections and suggestions are reviewed in these meetings and accordingly actions are taken. No major objections have been raised by the auditors in the last few years.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

116.67

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Cummins College is an unaided college and the primary income source for the college is fees collected from students. The government authorities approve the fees.

Based on the fees every year the budget is prepared considering operational expenses and development needs. The collected tuition fees are utilized to meet the operational expenses. However, if any shortage of funds, due to non-receipt of timely fees, parent trust supports the college to meet the expenses. Considering the requirements the institute requests for the support of the parent trust.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) sets and reviews overall quality benchmarks in academic and administrative activities of the institute. IQAC initiated a variety of quality assurance strategies such as Academic Audit, Question Paper Audit, PBAS, Vision, Mission, Perspective plan, Feedback mechanism, etc.

Performance based appraisal System (PBAS):

To ensure a more precise evaluation of quality, IQAC contributed in the revision of the appraisal form. The annual self-assessment form is structured by considering three categories : Academic Activities, Administration and Research and publications each designed to evaluate distinct aspects of faculty performance:

Question Paper Audit :

The IQAC, in collaboration with a dedicated question paper audit team comprising faculty members from each department, oversees a thorough audit process based on the structure, difficulty levels, coverage, syllabus alignment, balanced marks distribution. Discrepancies are addressed and proper action are taken in discussions between Principal, Dean of Quality Assurance, Head of Department, auditors, and subject chairpersons.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Internal Quality Assurance Cell (IQAC) initiates, collects, analyzes, presents and reviews the feedback from stakeholders in IQAC meetings. The reviews are done on academic structure, research and innovation activities, Pedagogy cell activities, students and faculty achievements, students satisfaction survey and quality audits in the college.

Academic Audit:

The departmental Academic Audit is conducted annually by involving an internal auditor along with an external auditor. It is based on the following criteria -

- Quality of Teaching Learning Processes
- Co-curricular and Extra-curricular activities
- Student Performance analysis
- Faculty Contributions
- Additional facilities created for enhancing quality of

teaching / learning

The academic audit report with suggestions of auditors is submitted to the IQAC.

Teaching Learning Evaluation Quality Reviews:

To improve the effectiveness and quality of teaching-learning-evaluation, different reviews are taken by IQAC.

Reviews on Result Analysis:

The students' performance in the examinations is discussed and reviewed regularly.

Review on Student Feedback on Teaching:

The feedback is obtained on teaching for every course . The feedback is shared with faculty members. The Principal and the HoD give suggestions to the faculty member for improvements.

Student Satisfaction Survey:

The SSS is discussed and reviewed in IQAC meetings. Based on the analysis, action plans are decided for further improvements.

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

<p>6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Paste the web link of annual reports of the Institution	https://cumminscollege.org/wp-content/uploads/2024/12/AQAR-ANNUAL-ACTIVITIES-REPORT-23-24.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

For the year 2023-24, a Gender sensitization Action plan was prepared and executed. The IEEE student chapter, The Society of Women Engineers at Cummins College of Engineering for Women, Pune (SWE CCEW), the IETE student forum, and the Sports department actively arranged various events to promote gender equality.

Under this, the following events were conducted.

SWECCEW:- conducted session on Neurodiversity, neurodivergent people, their capabilities and immense potential

The IETE student forum:- an award function was arranged to honor women for their contributions to society. Jyotsna Dnyaneshwar Bahirat , COO, CYDA, Pune conducted an entrepreneurship workshop for the students.

The IEEE students chapter: arranged a session to gain leadership insights and to create business values, and discussion on 'Education Abroad and Beyond!' by CCEW 2004 alumna.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://cumminscollege.org/wp-content/uploads/2024/12/7.1.1-action-plan-23-24.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above
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File Description	Documents
Geotagged 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 a maximum of 200 words)

The institution has established a comprehensive waste management system to handle both degradable and non-degradable waste effectively:

- **Solid Waste Management:** Waste is collected separately in wet and dry bins across the campus. Biodegradable waste is composted, aided by a shredder machine for processing leaves. A biogas plant converts organic waste, such as food scraps from the canteen and hostels, into fuel for cooking. An incinerator is used for the safe disposal of sanitary napkins.
- **Liquid Waste Management:** Wastewater is treated and reused for gardening within the campus.
- **Biomedical Waste Management:** No biomedical waste is generated by the institution.
- **E-Waste Management:** E-waste, including obsolete computers, is periodically written off and handed over to external vendors for safe disposal.
- **Waste Recycling System:**

1. Recycled wastewater is used for watering the garden and trees.
 2. The biogas plant processes food waste, with the gas produced used for hostel kitchens.
- **Hazardous Chemicals and Radioactive Waste Management:** The institution does not generate hazardous chemicals or radioactive waste.

This approach helps maintain environmental sustainability while reducing the institution's overall waste footprint.

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged 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

A. Any 4 or All of the above

**4. Ban on use of plastic
5. Landscaping**

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**

A. Any 4 or all of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-

C. Any 2 of the above

reading software, mechanized equipment, etc.
Provision for enquiry and information:
Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

- The annual cultural fest "Gandhaar" was celebrated with a wide range of intra-collegiate activities, including cultural dance performances, traditional day celebrations, painting, sketching, rangoli, group dances, faculty performances, open mic sessions, classical events, theater performances, group singing, poetry recitations, quizzes, and more. These events provided students with an opportunity to promote awareness of Indian culture and heritage, fostering an inclusive atmosphere within the college.
- Students from all the regions and states across the country, enroll in our institute. Students from Jammu & Kashmir get admitted through a special admission scheme.
- Students are encouraged to participate in various interlinguistic drama competitions and have won various prizes.
- An art exhibition was organized to provide a platform to the artists to exhibit their art.
- The annual college magazine 'Kshitij' promotes articles in Hindi, English and Marathi language. Kshitij bagged first prize at SPPU.

- The institute offers financial support to students from economically disadvantaged backgrounds. Additionally, grooming sessions are organized for students from rural areas as part of the 'Employability Enhancement' program.

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

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

The institution is actively engaged in sensitizing students and employees to the constitutional values, rights, duties, and responsibilities of citizens. This is achieved through various initiatives and programs:

- **Awareness Campaigns and Educational Programs:** Orientation programs and awareness sessions are conducted to promote human values and deepen understanding of constitutional rights and responsibilities.
- **National Festivals Celebration:** Republic day and Independence day were celebrated by flag hoisting, in the hands of Colonel Vikram Advani (Retd.) and Colonel Sharadchandra Patil (Retd.) respectively.
- **Meri Mati Mera Desh:** This event was marked with the panchpran pledge by students and staff of the institute.
- **National Voters Day:** The students and staff took the voters' pledge and an awareness rally was conducted to promote responsible voting. Voter registration campaigns were conducted.
- **Best ELC award:** Institute has been awarded as "Best Electoral Literacy Club" by the District Election Office, Pune.
- **Student Achievements:** Students excelled in national-level sports and games competitions, earning prizes for their participation.

- **Student Council Elections:** Democratic values were further strengthened through student council elections for various leadership positions.
- **NSS Activities:** The NSS cell played an active role in organizing activities such as World Environment Day, Constitution Day, Voters Day Celebration, Organ donation day, and campaigns like the Swachhata hi Seva, National Unity Day, River Cleaning Drive, Drug Free India and Plastic Collection Drive.

These activities reinforce the institution's commitment to nurturing responsible and informed citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

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

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

The institution hosts numerous commemorative days, events, and festivals throughout the academic year, which play a pivotal role in shaping today's youth.

1. Independence Day (15th August) and Republic Day (26th January): The institution celebrates these days by hoisting the national flag. A defense personnel is invited as the chief guest to inspire students and faculty with an inspirational speech.
2. National Voters Day (25th January): An election oath-taking program is organized for students and staff. The Electoral Literacy Club conducts awareness campaigns to engage new voters. This year we received "Best Electoral Literacy Club" award by the District Election Office, Pune.
3. International Women's Day (8th March): On Women's Day, the Training and Placement (TnP) cell hosted expert lectures by industry leaders. The initiative aimed to inspire students with knowledge, confidence, and the skills necessary for holistic personal and professional growth.
4. World Environment Day (5th June): An Online Quiz was organized to raise awareness about environmental issues and promote sustainable practices.
5. International Yoga Day (21st June): The International Yoga day 2023 was celebrated on the official theme, "Yoga for Vasudhaiva Kutumbakam".
6. Teacher's Day (5th September): Celebrating Dr. Radhakrishnan's birthday, students organize programs in honor of their teachers.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice 1:

"Enhancing Professional Competence of students' through Active Participation in Professional Bodies"

The institute actively encourages student memberships in reputed professional bodies like IEEE, CSI, ACM, ASME, ISA, ASHRAE and SWE by subsidizing 50% of the registration fees. Additionally, it bears 50% of the fees for paper presentations and provides financial aid for visits, expert lectures and participation in competitions. The institute also provides infrastructure, faculty support, mentoring and laboratory facilities for activities conducted by these professional bodies.

Best Practice 2:

"Industry-Academia collaboration for Enhanced Learning."

The institute collaborates with industry leaders to develop state-of-the-art laboratories and Centers of Excellence (CoEs), offering cutting-edge resources for students and faculty. Industries co-design academic programs and partially deliver curriculum, contributing to course content and delivering guest lectures. Internships, sponsored projects and co-teaching opportunities ensure that students gain hands-on experience and make them industry-ready.

File Description	Documents
Best practices in the Institutional website	https://cumminscollege.org/wp-content/uploads/2024/12/7.2-Best-Practices.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The institution has made progress in fostering globally renowned women leaders in engineering and technology, aligning with its commitment to holistic education. A dedicated focus on women's leadership is achieved through specialized programs that develop confidence, technical expertise and managerial skills, empowering women engineers to create a significant impact in both society and industry.

The institute receives generous support from Cummins India Ltd., fostering strong collaboration through faculty, student and infrastructure development programs. The institution further strengthens its mission through international MoUs with industry partners and partnerships with global research institutes, extending its reach and influence. The Purdue sponsorship program enhances international exposure, offering students invaluable opportunities for innovation, research and career growth.

Holistic development is also emphasized through sports, cultural activities, exposure to IPR, finance awareness courses and entrepreneurship development activities. These initiatives complement technical learning by fostering critical thinking, creativity and leadership skills, ensuring that students are equipped for diverse challenges. The institution's success is evident in strong placement records, consistent performance in technical competitions, industry recognition and an active alumni network.

File Description	Documents
Appropriate link in the institutional website	https://cumminscollege.org/wp-content/uploads/2024/12/7.3-Links-on-Institutional-website.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Entrepreneurship promotion - To actively foster entrepreneurship activities. To guide the students to transform ideas into successful ventures through mentorship, workshops and industry collaborations.

2. Community collaborative projects - To increase engagement in impactful community projects by partnering with NGOs and academic institutions like Niramay. These collaborations aim to address societal challenges and foster social responsibility among students.