YEARLY STATUS REPORT - 2021-2022

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	**02025311100**
• Alternate phone No.	**02025311000**
• 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	**Dr. Vikram Athalye**
• Phone No.	**02025311172**
• Mobile No:	**9604339640**
• IQAC e-mail ID	**vikram.athalye@cumminscollege.in**

3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.cumminscollege.org/wp-content/uploads/2022/09/AQAR-2020-21.pdf
4.Was the Academic Calendar prepared for that year?	**No**
• if yes, whether it is uploaded in the Institutional website Web link:	

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**

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:

• 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**
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**
• 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**
• If yes, mention the amount	

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

By coordinating through the Dean, Alumnae, IQAC facilitated the Alumnae association for enhancing its social presence.

IQAC members approached various industries which resulted into an increase the industry sponsored projects.

With the efforts taken by IQAC the Centre of Excellence in Artificial Intelligence was established.

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 facilitate the Pedagogy Cell for organizing a national level conference on engineering education	**A one-day national level conference on engineering education was held on June 25, 2022.**

13.Was the AQAR placed before the statutory body?	**No**
• 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

- Year

Year	Date of Submission
2019-20	28/01/2020

15.Multidisciplinary / interdisciplinary

The institute aims at the holistic development of students and has developed the program curriculum so as to satisfy the technical needs of our nation. The actions taken to comply with the NEP are as follows:

- Implementation of Honor and Minor Graduate Degree Program.

- Flexibility in the curriculum in the form of programme and open electives.

- Considerable number of program electives are available for the students that help blur the rigid boundaries of curricula and create possibilities for lifelong learning

- A basket of open electives covering interdisciplinary and multidisciplinary courses along with core courses and program 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.

- Inclusion of courses on Humanities and Performing arts.

- Universal Human Values courses

- Credit-based Projects with objective to cater service to the society

16.Academic bank of credits (ABC):

- Institute's registration on National Academic depository portal and registration of the students on ABC portal will be initiated soon.

- Institute is exploring ways to collaborate with other academic institutes where our students can opt for academic credits.

- Being an autonomous institute, the schedule of students aiming at academic credits from other institutes can be incorporated.

17.Skill development:

The institute imparts technical education to the students and laboratory sessions/ hands on sessions are an inherent part of the curriculum. These sessions contribute to the skill development of the students. Apart from these, various skill development workshops/ courses are conducted for the students to make them technically competent.

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

The curriculum covers Indian art and culture themes.The different forms of Indian Art like dance, music, drawing, Yoga covering aspects of the Indian culture are included in the curriculum as Audit Courses. Traditional and cultural values and morals are inculcated in the students through courses on Universal Human Values.

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

The institute follows Outcome based education (OBE) for all the UG and PG programs. Every Program has defined "Program Specific Outcomes" in consistency with the generic outcomes of any engineering program indicating the graduate attributes (with reference to the NBA framework). The theory and laboratory courses have well-defined Course Objectives and Outcomes. The attainment of Outcomes is analyzed and areas of improvement are identified on a regular basis.

20.Distance education/online education:

Apart from classroom and laboratory teaching, faculty members contribute to online resources by uploading teaching material, lecture videos and demonstrations for students' reference. Learning Management Systems like Moodle, Google Classroom are extensively used by the faculty for the same. YouTube channels and equivalent methods are used for sharing the videos.

Extended Profile

1.Programme

1.1	**8**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**2666**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**653**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**2636**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1	**292**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**149**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**150**
Number of sanctioned posts for the year:	

4.Institution

4.1	**246**
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	**1095**
Total number of computers on campus for academic purposes	

4.4	**1631.37**
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.

Cummins College of Engineering for Women is first women engineering college in india established in 1991 by parent institution, Maharshi

Karve Stree Shikshan Samstha . College contributes towards enhancing the percentage of women engineers in local, national and global level.

Looking at national and global level needs courses likeelectric vehicle, Industry 4.0, Artificial intelligence, Data science, Machine learning are included in the curriculum. While designing the curriculum, guidelines of global professional bodies like ACM, IEEE, ASME, ISA are considered. Feedback of Technical expert from Microsoft, CISCO, Boeing, Mercedez etc. are taken into consideration

Considering AICTE and UGC guidelines, the curriculum of the programs are defined. College has involved stakeholders, like industry experts, employers, academic experts and alumnaeas members of the governing body, academic council, IQAC and various Boards of studies of the college.

Companies such as Cummins India, Citi Bank, Tata Technologies, Forbes marshal, Barclays, Mercedes Benz and other service provider companies are located in and around Pune. Considering local relevance, these companies are involved in designing the curriculum.

As per the requirements at the regional and the national level, courses having social relevance from the areas such as renewable energy, environmental studies are part of the curriculum.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	NIL

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
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

277

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

9

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
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

8

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)	View File

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

In order to make students aware about crosscutting issues such as professional ethics, gender, human values, environmental sustainability, relavent courses are included in the curriculum.

Importance of human values is emphasized through courses Universal Human Values-Iand Universal Human Values-II.

Courses on professional ethics and etiquettes, leadership and personality development and Intelectual property rights discuss ethical practicesin engineering profession. Curriculum relevant educational activities are carried out adhering to professional ethics.

Cummins college is all women engineering college. In order to appreciate gender diversity and equality, college provides bandwidth for the students to participate in competitions. College has formed professional society chapters of society for women engineers and Association of Computing Machinary-W. These chapters provide opportunities of networking with women in engineering profession and conduct workshops, lectures relevant to state of the art technologies in the curriculum.

Environmental and Sustainability issues are relevant to the engineering curriculum.Courses on Environment, Sustainability, Green computing, renewable energy are introduced in the curriculum to know crosscutting issues and possible contribution areas as an engineer. Issues like waste management, pollutions, Smart city, Green materials are covered in thesecourses.

The college promotes the NSS activities related to sustainability like plantation, water conservation, waste management.

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	**No File Uploaded**

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

791

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

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

1362

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://www.cumminscollege.org/curriculum-feedback/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
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://www.cumminscollege.org/curriculum-feedback/
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

585

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)

160

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
30/06/2022	2666	149

File Description	Documents
Upload any additional information	No File Uploaded

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/1Dn0ePKWiJVH9JskuxtZiTfrXZPFQopNz/edit?usp=sharing&ouid=102080464532494190635&rtpof=true&sd=true
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

129

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 comprisesthe 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

149

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

57

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)

2021.8

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

22

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

253

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:

- **The 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 examinationswere conducted using the Ion Exam.**

2. 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**

3. 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](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

CO Attainment:

A departmental committee consisting of HOD, senior faculty members, experts from academia and industry is constituted which reviews CO-PO and CO-PSO mapping.

Attainment

Tools Used

Weightage

Direct CO attainment

- **Cumulative Internal Examination (CIE)**
- **Semester End Examinations (SEE)**
- **Continuous Assessment (CA)**
- **Practical and Oral Examinations**

95%

Indirect CO attainment

End Course Survey

5%

Direct CO attainment:

Direct CO attainment for all courses is calculated for SEE and CIE using the 5 steps as shown in figure below.

Find

Find Co mapping of each question in each assessment tool

Group

Group the questions as per CO mapping

Apply

Apply the students performance threshold value

Compute

Compute percentage number of students above threshold for each CO

Compare

Compare the CO attainment with set attainment levels

Direct CO attainment levels

Attainment Level

Criterion

1

< 40% students

2

40% - 60% students

3

More than or equal to 60% students

Calculation PO and PSO attainment

Attainment

Tools

Weightage

Direct Attainment

CO attainment

80%

Indirect Attainment

Exit Survey

20%

Employers' survey

Alumnae survey

Co-curricular activities

Extra- curricular activities

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	<u>NIL</u>

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

653

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	<u>https://www.cumminscollege.org/wp-content/uploads/2023/01/Exam-Annual_Report_2021-22.pdf</u>

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://www.cumminscollege.org/wp-content/uploads/2023/04/Student_satisfaction_survey_AY_2021-22.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

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Research Facilities:

College laboratories are equipped with high end hardware/software
facilities such as ansys , LabView ,Power Lab , 3D printers etc.

Policy for promotion of research:

The Institute has well defined research promotion policies are as
follows:
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- **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

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
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	**No File Uploaded**
Any additional information	**No File Uploaded**

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)	<u>View File</u>
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)

22 Lakhs

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<u>View File</u>
List of projects and grant details	<u>View File</u>
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

3

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	<u>NIL</u>
List of research projects during the year	**No File Uploaded**

3.2.3 - Number of teachers recognised as research guides

22

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	NIL
Any additional information	No File Uploaded

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- Various pedagogical innovative methods and innovative practices such as quizzes, games, flipped classroom, research paper etc. are implemented to improve the quality of teaching learning process. Faculty members give Innovative assignments to encourage innovation and creativity of students. Students undergo through courses like Intellectual Property Rights, Entrepreneurship Development etc. Students work on challenging projects and provide innovative solutions.College Conducts project competition for innovative project ideas. projects get 'Kedar Tumane innovative project award'. Students are encouraged to participate in hackathons, project competitions. Our students have won prizes in National level competitions such as Natarajan society innovative project competition, Smart India hackathon etc. Students are also encouraged to patent innovative ideas. Total 48 patents have filed by students and faculty. On the basis of various activities conducted college has been ranked in PERFORMER band for the year 2021 in Atal Ranking of Institutions on Innovation achievements (ARIIA). Towards creation and transfer of knowledge institute takes various initiatives: Faculty members create course material in the form videos, notes which are shared with the students. Professional

society chapters of the college organize expert lectures, workshops for the students. Students clubs also arrange such activities. These activities play important role in knowledge transfer.

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

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

17

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

9

File Description	Documents
URL to the research page on HEI website	https://www.cumminscollege.org/wp-content/uploads/2023/01/3.4.2-PhD-Admission-Letter.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

46

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

50

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

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

342

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

10

File Description	Documents
Bibiliometrics 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)

1.74292

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.

Courses are offered on Value Education and Universal Human Values. These courses sensitize students on their responsibility as a member of society. Guest lectures are organized by inviting external experts to sensitize on social issues like traffic regulations, voters' responsibility etc.Students participate in the extension activities through NSS, NCC, professional society chapters and student Clubs. The institute has an active NSS wing which takes up activities like Tree Plantation Drive, Thyroid and Blood Glucose Check-up,Blood Donation and Haemoglobin Check-up etc.

Seven Days Residential Special Camp is organised for the NSS students. Activities like Village Cleaning, Teaching School Students in the Village, conducting various Awareness Programs for the villagers are carried out during the seven days residential camp.IEEE and SWE members of CCEW are actively participating in the various outreach programs.With all these activities, students feel a sense of social responsibility with a belief that they need to give back to the society to make the surrounding a better place to live in. This taught students various aspects of life other than the technical and academic achievements and helped in holistic development of the individual.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.cumminscollege.org/3-6-extension-activities/

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

2

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)

16

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

845

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

433

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)

5

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 institution has a well maintained, user friendly and resilient infrastructure conducive to teaching, learning and comprehensive development of students.

Classrooms: There are 31 classrooms. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup. Tutorial rooms : There are 7 tutorial rooms used to conduct tutorials and group interactions.

Laboratories: The institute has 54 labs. Each department has adequate no. of labs with equipments / softwares, prescribed in the curriculum.

Workshop : In workshop facilities such as welding apparatus, conventional & CNC lathe machines, drilling machine are available.

Library : The institute library has an extensive collection of books

& journals for satisfying the academic and research needs. The library has a reading hall with a seating capacity of 180.

Seminar halls: College has 4 seminar halls with audio-visual facility.

Computing Equipment: The institution has 1561 computers. Every department has separate computer labs for conducting programming & simulation experiments to enhance the skills of the students.

Power Supply: To ensure uninterrupted power supply, the college has an electrical power backup system.

Computer center : Two computer centers with 100 machines are available for various activities such as accessing online learning resources, competitions like hackathons.

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

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

The college is committed to creating a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students.

Facilities for Cultural Activities

- The college has an open auditorium / quadrangle (444.4 sq. meters), stage (70.342 sq. meter) for rehearsals and conduction of cultural activities.
- The stage is well equipped with a sound system, music system, light system and various allied equipment.
- The institute has four seminar halls equipped with audio visual systems. During the cultural events the seminar halls are utilized to organize group activities.

Facilities for Sports activities

The college is well equipped with various facilities in sports and

games for indoor and outdoor. The college has facilities for sports including a playground of 2.5 acres.

- The playground has many outdoor sports facilities like basketball, Box Cricket, Football, Handball, Kabaddi, Kho-Kho, Netball, volleyball.
- Apart from outdoor games, the college has made provision for indoor games such as Carrom, Chess, and Table Tennis for practice purposes.

- Gymnasium

The college has a gymnasium of total Area – 3500 sq feet. The gymnasium has facilities such as machine exercises, free weight exercises, Aerobics, Zumba. There is also a separate hall for yoga and meditation.

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

32

File Description	Documents
Upload any additional information	View File
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)

1631.37

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 library is centralized. The library has been fully automated with the help of Integrated Library Management software SLIM 21 (System for Library Information & Management-Version 3.8.0.20922) since 2009. It supports Acquisition, Cataloging, Circulation and Serial control. The barcode based issue return of books is practiced. Students and Faculty can search books through web OPAC and self-library accounts at the campus as well as outside the campus. Link to Digital Library is provided in the Library OPAC. Students are orientated in the First Year to access OPAC of the Library. E-mail alerts to students to return books on time and E-mail alerts to faculty for recommended new book's arrival are sent regularly. Every year, ten most active students are selected from issue report and awarded with increased book borrowing limit for one year

- **Name of the ILMS software : SLIM 21**

- **Nature of automation (fully or partially) : FULLY**

- **Version : 3.8.0**

- **Year of automation : 2009**

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)

28.31

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

118.92

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 has Sophos 330 ING firewall for bandwidth management, web site security purposes. The bandwidth management helps to provide sufficient bandwidth to access the Internet. With the help

of firewall we are able to block unnecessary sites , as well as filtering sites that are not useful for academics. Hence all the students and staff can access the Internet for education purposes only.

The college has licenses of eScan antivirus(14.0 version) for windows based machines. Using eScan antivirus, we are able to block the viruses, phishing sites, malware attacks, etc. This helps our windows machine be safe from different types of network attacks. This eScan server is managed centrally for new updates. Hence the less bandwidth will be consumed while downloading patches from the original web site.

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

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
2666	1095

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. ?50 Mbps

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	E. None of the above

development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	NIL
List of facilities for e-content development (Data Template)	No File Uploaded

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)

821.10

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.

There is a set policy & system in-place for the maintenance & utilization of classrooms, laboratories, computers, library, sports complex.

The maintenance of classrooms is taken care of by a team at institutional level.

Every lab in the college has a lab in-charge. The lab in-charge looks after the maintenance of the equipment in the lab. The hardware equipments undergo routine & a periodic checkup at the start of the semester and before the examinations. This periodic checkup includes calibration of lab equipments

Students get hands-on experience during the lab sessions. The labs are made available for students beyond working hours for practice and extra assignments. The student evaluation is also conducted in

the laboratories to judge the skills developed.

The library is open on all working days. The reading hall in the library is used by the students for study, reading books, etc. Books are purchased as per the recommendations.The write-off committee carries out the process of removal of material.

There is a centralized team (network department) for maintenance of computers and networks in the college. Computers are utilized by the students to get hands-on experience.

Regular maintenance of sport facilities is done by the maintenance team appointed.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	[NIL](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

1240

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

195

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

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://www.cumminscollege.org/student-corner/student-activity/
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

12

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	B. Any 3 of the above

committees

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	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

578

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

25

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

14

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

The college has an independent student council. It has 55 posts such as technical secretary, placement representative, sports secretary,cultural secretary, treasurer, library representative. Students nominate themselves for these posts.

The technical secretary along with student volunteers organizes annual tech-fest 'Innovation', in which various workshops and seminars are organized. The placement cell representatives help the Training and Placement Officer(TPO) in various placement activities. The issues or problems faced by students were taken care of by the TPO and student cell representatives. The sports secretary organizes an intercollegiate sports tournament ,'Pentacle' and the cultural secretary plans and executes different cultural events such as 'Gandhaar-Annual Cultural program' and art exhibitions.Every year, under the leadership of the magazine secretary publishes the college magazine 'Kshitij'.

The University Representative, General Secretary and Cultural Secretary are the members of the Internal Quality Assurance Cell (IQAC) of the college.Anti Ragging Committee is responsible for prevention of ragging in institution.The Internal Complaint Committee looks into Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in

Technical Institutions.The student representatives in the Department Advisory Board(DAB) participate in the planning and execution of different department activities.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	[NIL](NIL)

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

3

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. Theobjective is to strengthen the association between our alumni, the society and the college. Theassociation develops a strong interaction between alumni and current students of the college. The Alumni association aims to enhance the Institute – Industry – Alumni connect which catersto the requirements of students and the industry along with evolving the strong bond withalumni from various fields. This association serves as a platform for the general welfare of theever growing Cummins College community and the society as a whole. There are fifteen life members in the Managing Committee of the association. These membersare supported by the alumni coordinators of the respective departments for the smooth andsuccessful functioning of the association. The General Body meeting is scheduled twiceannually. The alumni support the college in following ways: 1. Delivering the guest lectures and webinarsfor guiding the college students 2.Evaluators for projects competitions,technical events as well as oral and practical exams. 3.Helping the students to get internship and placements 4. Working as Board of Studies members 5.Mentoring

the project groups 6. Supporting the needy students financially

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://alumni.cumminscollege.org/

5.4.2 - Alumni's financial contribution during the year	**C. 5 Lakhs - 10 Lakhs**

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 college has developed its perspective plan through a rigorous process of internal discussions. Senior faculty members, Heads of departments, deans are involved in drafting the perspective plan. Plan is reviewed by governing body members and external advisors from industry and academia. Considering the inputs of governing body members and advisors, the plan is modified. Following parameters are considered while finalizing the plan

1. Strengths and weaknesses of the institute

2. Recent transition of college from affiliated college to autonomous affiliated college

3. Students' inclinations and aspirations

4. Industry feedback

5. Achievable outcomes in five years

Plan is divided in three categories or contexts

1. Teaching-Learning & Evaluation

2. Readiness for Careers

3. Research and Extensions

Participation of faculty members in decision making:

The college supports decentralization and encourages participation of faculty members in decision making. Faculty members are members of various statutory bodies and administrative committees like the Governing body, Academic Council, College Development Committee, IQAC, Board of Studies, Industry Institute Partnership Cell (IIPC), Intellectual Property Cell (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 faculty members at various levels in organizational structure. Head of the departments, deans play vital roles in management and administration of the college.

Most of the faculty members are involved in academic, co-curricular

and extra-curricular activities in the form of coordinators and incharges.

Annual Budget Preparation:

Fig.: Annual Budget Preparation of the College

The budget preparation for the next financial year is initiated in advance.

- **Each department prepares a budget by gathering the requirements from the department staff. The department considers lab upgradation, software tools required, student project activities and other recurring expenses related to the department while preparing the budget.**

- **The students council and faculty coordinators propose the budget for co-curricular and extracurricular activities.**

- **For maintenance and upgradation of IT infrastructure, budgetary requirements are proposed by system/network administrators.**

- **Budget is also proposed for library, sports, training and placement activities by the respective section heads.**

By considering all the proposals and requirements together, the accounts officer prepares an annual budget. The budget is proposed, discussed and finalized in the finance committee meeting. The Governing Body approves the budget, and if required suggest the changes.

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. Administrative Heads 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 categories or 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 context of Perspective plan is aimed at implementing pedagogies to promote student centric learning processes.

Pedagogy Cell Activity:

The pedagogy cell consisting of faculty members from each department is formed to investigate and disseminate the modern trends in engineering education.

The members of the cell meet regularly to discuss different pedagogy practices adopted or practiced in various engineering institutes across India and abroad. The major activities are-

- Cummins College Digest of Engineering Education(CCDEE) has been started from the year 2020.

- The pedagogy cell organized the National Conference on Pedagogy in Higher Education (NCPHE-22) on 25 June 2022. The papers from different authors discussed different perspectives on pedagogy practices used in engineering education. Several papers presented in the conference are published in the Scopus indexed journal - Journal of Engineering Education

Transformations.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.cumminscollege.org/wp-content/uploads/2022/12/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, Examination.**

- **All Heads of the Departments monitor academic and administrative functions of the departments.**

- **Registrar acts as a Head of administrative staff of the college.**

- **The Head of Training and Placement office, Library and sports handle their respective departments.**

The college functioning is guided by different statutory committees like:

Governing Body: The college has constituted the Governing Body as per AICTE and UGC norms functions for approval of new programmes of study (degree/diploma), the annual budget and examination fees, certificate program fees.

College Development Committee: Its functions are to prepare an overall comprehensive development plan of the college, prepare an annual calendar, recommend new academic courses and the creation of additional teaching and administrative posts.

Internal Quality Assurance Cell: It defines development and application of quality benchmarks (SWOT), parameters for various academic and administrative activities of the institution; perspective plan. It performs different audits, collects and analyzes the feedback.

Human Resource Development Committee: Decisions about appointments, leave sanction, career advancement are taken by the committee. This committee also acts as Grievance Committee for teaching as well as non-teaching staff members.

- **The Service Rules, Code of Conduct, Ordinances, Procedure, Recruitment policies and promotional policies are as per University and AICTE regulations.**

These rules are available as University Publications and college website.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.cumminscollege.org/about-us/organization-structure/
Upload any additional information	**No File Uploaded**
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	View File
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.**

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

34

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

4

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.)

81

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)

72.10

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](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)

IQAC initiated a variety of quality assurance strategies such as Question Paper Audit, Inclusion of Open-Ended Assignments in laboratory courses, Academic Audit, Feedback mechanism, etc.

Question Paper Audit:

A question paper audit is done covering the following:

- **The template, language and time allotted to the students**

- **The difficulty levels, syllabus coverage and mapping along with the marks distribution.**

- **Mapping of COs to the questions**

- **Overall coverage of all the COs during ISE and ESE**

- **Inclusion of higher cognitive levels (with reference to the Revised Bloom's taxonomy), for which program year wise benchmarks are set**

Based on the audit reports of the individual courses an analysis is presented and discussed in the IQAC meeting.

The observed extremities are discussed with the subject chair-persons, and suggestions are given to improve the lapses.

Inclusion of Open Ended Assignments in lab courses:

To improve the self learning component of students, the IQAC insists

on the inclusion of open ended assignments (OEA) in the laboratory courses. In OEAs, only the Aim is given whereas the materials, methods and answers are open. As the benchmark, it is decided that at least one open ended assignment should be included in the laboratory course.

The auditors check laboratory assignments as demonstration, exercise, structured and open ended assignments for each course. A compiled and analytical report is prepared by Dean Quality Assurance and is discussed in the IQAC meetings.

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

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.

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 based on

- 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 with respect to following criteria :

- Course delivery, organization of topics, discussion of practical applications.

- The teaching speed and coverage of the syllabus.

- Availability outside the class

- Punctuality, attitude and behavior

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

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	**A. Any 4 or all of the above**

institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.cumminscollege.org/wp-content/uploads/2023/04/Annual-Activities-Report-2021-22-Final.pdf
Upload e-copies of accreditations and certification	No File Uploaded
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 2021-22, 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 National Service Scheme Unit (NSS Unit), and the Sports department actively arranged various events to promote gender equality.

Under this, the following events were conducted.

The IEEE students chapter:-A webinar on 'Guide to Overseas Education by Mr.Abhinav Gangoi, Inspirious Education was arranged on 18th Dec 2021. A panel discussion on the topic: "Getting an Internship through college" was arranged on 28th Sept 2021.

SWECCEW:-Conducted a self-defense workshop on12th February 2022 by Sensei Sachin Pawar, General Secretary of the Nashik District Karate Association.The Finance 101 workshop was held on 30th October 2021 and aimed to discuss empowerment through financial freedom attained by financial literacy by CA Nikita Punjabi. A special session on "Womaning at the workplace" was organized by SWE CCEW, on 6th Dec2021.The session gave insights into what itis like to be a woman

in the workplace.The NSS unit of the Institute organized an event called "Yoga for Wellness" from, 8th to 15th Sept 2021.

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

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

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The facilities provided by the Institution for the management of degradable and non-degradable waste are as follows:

- Solid waste management – Solid waste is collected separately in Wet and Dry dustbins on the campus. Biodegradable and non-biodegradable waste is segregated and biodegradable waste is used to prepare compost. A Biogas plant has been installed on campus.The waste generated by leaves is shredded through a shredder machine and further used for composting. For the disposal of sanitary napkins, an Incinerator has been installed on the campus.

- Liquid waste management- Wastewater / recycled water is used for gardening in the college premises.

- Biomedical waste management – There is no bio-medical waste generated.

- E-waste management – A periodical write-off procedure is executed for the management of E-waste and computers. They are given to outside vendors for disposal.

- **Waste recycling system – 1. Wastewater is recycled and utilized for watering the garden and trees.**

2. A Biogas plant has been installed on campus which utilizes food waste from the canteen and hostels. Biogas generated is used for cooking in the hostels.

Hazardous chemicals and radioactive waste management- There is no hazardous chemical and radioactive waste generated in the Institute.

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	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus | **A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: | **A. Any 4 or All of the above**

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

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	No File Uploaded

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-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of	C. Any 2 of the above

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, which had various intra-collegiate activities like Cultural dance performances, Traditional day celebrations, Painting, Sketching, Rangoli, Group dance, Faculty performance, Open mic, Classical event, Natak, Group singing, Poem recitation, Fandom quiz, etc which gives the studentsa chance to spread awareness about Indian culture and heritage. This also creates an inclusive environment in the college.**
- **Students from different regions of the country like North India, Northeast India, etc were admitted to our Institute. J & K students got admitted under a special admission scheme.**
- **This year students performed the play "Charane". It won prizes in the renowned Marathi drama competition "Purushottam Karandak","PNG KARANDAK" and"Bharat Karandak".**
- **The annual college magazine 'Kshitij' was published.**
- **The institute provided financial assistance to students coming from weak financial backgrounds. For the students coming from rural backgrounds grooming sessions were arranged under the program 'Employability Enhancement '.**
- **Student-centric innovative teaching-learning activities like flipped classroom, open-ended assignments, project-based learning and many more were followed during this academic year.**

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 sensitizes the students and the employees to the constitutional obligations of values, rights, duties, and responsibilities of the citizens and constantly works to nurture them as better citizens of the country through various activities.

- **The institution took many initiatives like conducting awareness campaigns, organizing orientation programs, training programs, seminars, workshops, and guest lectures to sensitize human values and constitutional obligations.**

- **The institute hoisted the flag during national festivals.**

- **The institute organized Election Oath taking the program.**

- **Blood Donation Camp was conducted for students and faculty of the Institute.**

- **Students participated and won prizes in National level sports and Games competitions.**

- **Student council elections for different posts were conducted this year.**

- **NSS cell conducted various programs like; Traffic Awareness and Road Safety, Sadbhavana Day Pledge, Village survey awareness for Cleanliness, Water Conservation, Constitution Day Celebration, Voters Day Celebration, etc.**

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	C. Any 2 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 organized commemorative days, events, and festivals throughout the academic year.

1. Independence day (15th August), and Republic day (26th January) were celebrated by hoisting the national tricolor.

2. National voters day- On 25th January election oath-taking program was organized for the college students and staff.

3. International Women's day (8th March)- On the occasion of International women's day events like the Marathon for women, Yogasana for PCOD and Thyroid, Free basic Dental check-ups, Pathology tests, etc. are conducted.

4. World environment day (5th June)- Various events like tree plantation, campus cleaning drive etc, are done by staff and students.

6. International Yoga day (21st June)- Every year the Institute

organizes a 7-day yoga program for all the students, staff and office employees.

7. Teachers' day (5th Sept) - We celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great fervor. The students organize a program for the teachers.

8. Engineers day (15th Sept)- We celebrate this day as a tribute to Bharat Ratna Mokshagundam Visvesvaraya. Various activities like panel discussions, technical talks, and alumni discussions are organized on this day.

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-

Title: Research Promotional ecosystem

The Practice: To encourage quality research work by faculty members, facilities/incentives are

provided:

1. Institute offers full paid study leave for a maximum period of 2 years.

2. Reward of 5000 and 10000 for paper publication in Scopus or SCI-indexed journals.

3. Incentives for successful completion of funded research projects.

4. Research grants up to Rs. 3 Lakhs are awarded to applicant faculty.

5. Institute reimburses 100% of registration fees for the 'SCOPUS indexed conference publication'

and 50% for the Non-Scopus conference.

6. Institute encourages faculty/students for filing patents and other forms of IP. The institute bears all the charges of filing and maintaining IPs.

Best practice 2-

Title: Student Clubs

Objective: To provide "beyond curriculum" learning opportunities pertaining to soft skills, technical skills and self expression managed by students.

Following are the student clubs in the college:

1. Mozilla Campus Club

2. Aasamant: The Astronomy Club

3.TEDxCCOEW

4. Artificial Intelligence and Computer Vision Society

5. Math Club

6. Loop CCEW

7.Google Developer Student Club

8. Finance and Economics Club

9.Code Club

10. The Debating Society

Cultural Clubs at the Institute are:

1. Dance Club- Insia

2. Music Club- Swarashree

3.Cultural Club- Kalawant

File Description	Documents
Best practices in the Institutional website	https://www.cumminscollege.org/wp-content/uploads/2023/02/7.2-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)

Through innovative and student-centric teaching-learning processes, internships, and projects, the technical competencies of students are developed. Expert lectures, industrial visits and workshops are arranged for the students to give them exposure to the latest technologies. The students are encouraged to present research papers, file patents and participate in project competitions. For soft skill development value addition programs are conducted.

1. **Students participated in renowned National level competitions SAE BAJA, ROBOCON, Smart India Hackathons, IBM hackathon and won prizes in these competitions.**

2. **The Outlook magazine's All India ranking is 37 in the private engineering college category. India Today has appreciated our Institute and considered us amongst the TOP 3 Gainers (Private) colleges that made the biggest leap since last year.**

3. **574 students received job offers from reputed National and Multinational companies such as Microsoft, Goldman Sachs, Amazon, CISCO, Walmart, AVAYA, Boeing, Eaton, Cummins India Ltd., Tata motors etc.**

4. **Students were able to pursue higher education in reputed institutes like IITs, BITS, Carnegie Mellon University, Massachusetts Institute of Technology, California Institute of Technology etc.**

5. **Alumnae are working in the corporate sector, research domain, and defense services, and also have become successful entrepreneurs.**

File Description	Documents
Appropriate link in the institutional website	https://www.cumminscollege.org/wp-content/uploads/2023/02/7.3-Institutional-Distinctiveness.pdf
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

College gives thrust on imparting quality engineering education and making students ready for the engineering profession. The plan of action for the next academic year is;

1. To encourage and enhance entrepreneurial activities

2. To start the Center of Excellence at the Institute.

3. To increase collaborative interaction with industries.