Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**MAHARSHI KARVE STREE SHIKSHAN SANSTHA'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 own campus	**Yes**
Phone no/Alternate Phone no.	**02025311000**
Mobile no.	**9225517613**
Registered Email	**principal@cumminscollege.org**
Alternate Email	**administrator@cumminscollege.in**
Address	**Karvenagar**
City/Town	**PUNE**
State/UT	**Maharashtra**
Pincode	**411052**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**09-Mar-2016**
Type of Institution	**Women**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Vikram Athalye**
Phone no/Alternate Phone no.	**02025311172**
Mobile no.	**9604339640**
Registered Email	**vikram.athalye@cumminscollege.in**
Alternate Email	**administrator@cumminscollege.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.cumminscollege.org/internal-quality-assurance-cell/

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.cumminscollege.org/student-corner/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	**A**	**3.16**	**2017**	**30-Oct-2017**	**29-Oct-2022**
2	**A**	**3.33**	**2012**	**15-Sep-2012**	**14-Sep-2017**

6. Date of Establishment of IQAC	**26-Sep-2011**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
NAAC Peer Team Visit	14-Oct-2017 8	146
NAAC Peer Team Visit	13-Oct-2017 8	146
Academic Audit of Departments	09-Sep-2017 3	146
Meeting of IQAC members	17-Apr-2019 2	20
Meeting of IQAC members	04-Sep-2018 2	21
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Internship Programme for 3rd year B. Tech. Students.

Formation of IPR Cell.

Establishment of Design Centre.

Automation of Examination Centre.

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To establish 'Design Centre' in collaboration with industries.	Design Centre is now functional. In collaboration with industry research projects are in progress.
To launch 'Internship Program' for the third year B. Tech. Students.	Among the third year B. Tech. Students, around 90% students went for industrial internships.
To form the 'Intellectual Property Rights' (IPR) Cell of the institute	The IPR cell of the institute is now functional.
To review and revise the structure of academic audit of the departments	The structure of academic audit of departments is reviewed and revised. The audit is conducted as per the revised structure by involving external auditors.
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	31-Dec-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The following activities are performed through MIS: 1. Accounts Finance 2. Stores and Purchase 3. Examination Section 4. Student profile (attendance, general information) 5. Faculty attendance (Biometric) 6. Faculty Profile

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	CE	Computer	01/08/2018
BTech	EC	Electronics and Telecommunication	01/08/2018
BTech	IN	Instrumentation and Control	01/08/2018
BTech	IT	Information Technology	01/08/2018
BTech	ME	Mechanical	01/08/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Open Elective	01/08/2018	OEHS Digital Marketing	01/08/2018
BTech	Open Elective	01/08/2018	OEHS Intellectual Property Rights	01/08/2018
BTech	Open Elective	01/08/2018	OEHS Project Management	01/08/2018
BTech	Open Elective	01/08/2018	OEHS Advanced Entrepreneurship Development	01/08/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	**Computer Engineering**	**62**
BTech	**Electronics and Telecommunication**	**16**
BTech	**Instrumentation and Control**	**2**
BTech	**Information Technology**	**18**
BTech	**Mechanical Engineering**	**21**
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The institute has a formal mechanism to elicit feedback from students, employers, alumnae and parents. The obtained feedback is analyzed on regular basis. It is utilized mainly for improving the quality of the teachinglearning process and also of the curriculum of the institute.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	**2536**	**72**	**140**	**1**	**22**

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
150	100	100	100	0	5

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentormentee scheme: The institute has a mentorship scheme. For a group of 2530 students. 1. One faculty member is assigned as Mentor. This aims at helping students in curricular and other activities. The mentor guides for the overall development of the mentees, which includes academic performance, career development and personal development. 2. The schedule for the mentor mentees meeting is mentioned in the academic calendar. The mentees can meet the mentors additionally any time during the semester. 3. The issues/ difficulties raised in such meetings are further escalated if required. Dean of student affairs – Dean of Student Affairs addresses the problems faced by the students. Students can approach Dean of student affairs for their problems and assistance. Elected students' representatives – every year students' elections are conducted. Elected students share various responsibilities such as organizing events, publishing magazine, etc. They communicate problems, expectations of students to the Institute's administration and act as a support system among themselves. The medical support – Medical facility and residential doctor are available on the campus. Counsellor Qualified counsellor is appointed by the institute to help students in case of any personal level issue. Financial support – Students from economically weaker section, socially underprivileged section get scholarships from the Government. However, still some students face challenges in meeting educational cost and living expenses. Institute with the help of parent trust supports such students from its own fund or try to get financial aid from other donors. Meetings with the Director and the Heads of Departments – students' meetings are conducted regularly with the Heads and the Director to understand the problems faced by the students. Placement Cell – The Institute has Training and Placement Cell. The Cell mentors and guides students in placement activities. The cell not only supports the current students but also helps passed out students for recruitment.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2608	150	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
119	150	17	0	46

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	0	0

2.6 – Student Performance and Learning Outcomes

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

https://www.cumminscollege.org

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.cumminscollege.org/wp-content/uploads/2020/03/2018-19-SSS.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Legal Aspects of Patents: Working of Patents, Compulsory Licensing, Revocation of Patents and Patent Infringement	TE Students	12/09/2018
Introduction of TRIZ	Students and Faculty	28/07/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Mitsubishi	Ms. Madhura Pimpale, Ms. Archana Rane, Ms. Pooja Shinde, Ms. Sanjivani Barge	Mitsubishi Electric	18/02/2019	Student National Level Competition (Bronze Cup)
Nidhi Prayas	Ms. Neenu George, Ms. Jinu James, Ms. Shrinidhi Kulkarni, Ms. Sneha Parsewar	DST : Science Technology Park	21/06/2019	Competition was open to all (for prototype development)
BAJA Team Zenith 5.0	Ms. Komal Salgar, Ms. Preshita Mandekar, Ms. Shabdali Bhandari, Ms. Hemangi Patil, Ms. Poorva Joshi, Ms. Rutuja Waskar, Ms. Anuja Sangwai, Ms. Prajakta Gosavi, Ms. Pallavi Deshmukh, Ms. Shraddha Chavan ,Samruddhi Patil,Priyanka Chaugule, Riya Wangikar	SAE India	22/01/2019	Student National Competition (Cost Award, 1st Prize)
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Basic Sciences Humanities	1
Computer Engineering	3
Electronics Telecommunications Engineering	2
Instrumentation Control	0
Information Technology	0
Mechanical Engineering	10

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication

No Data Entered/Not Applicable !!!			
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	91	3	45
Presented papers	29	0	0	0
Resource persons	10	10	14	45

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
0	0	0	0

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
0	0	0	0	0

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
[View File](#)			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
0	0	0	0

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
0	0	0	0	0

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
161.4	161.83

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SLIM21	Fully	3.7.0.22189	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1418	30	106	0	1	2	6	0	0
Added	61	10	24	0	0	0	0	0	0
Total	1479	40	130	0	1	2	6	0	0

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

130 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
1. The videos are created using Active presenter software. Those videos are uploaded on youtube channel.	https://youtu.be/SjmAwSnQPPU , https://youtu.be/GoQok7438wk , https://youtu.be/ZpQIAMA8o7s
2. Few faculty members have created their lectures notes, presentations and uploaded the contents on their google classes.	https://classroom.google.com/c/NDE0ODk1MDE3NTla,https://classroom.google.com/w/NDcyNDY0OTMwMDBa/t/all https://classroom.google.com/c/MzIyODEyNTMyMDVa,https://classroom.google.com/c/MjgwODA3NDk1Nzla

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
97.27	96.87	50	49.47

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

No Data Entered/Not Applicable !!!

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
	No Data Entered/Not Applicable !!!		
	[View File]		

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
[View File]			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
[View File]					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
100	584	444			
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	97

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

Activity	Level	Number of Participants
Pentacle	Intercollegiate inter-engineering	1200
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The college has an independent student council and its election schedule is declared well in advance in academic calendar. In the academic year 2018-19, the elections were conducted in August 2018. More than 200 candidates contested for more than 30 posts. The technical secretary along with student volunteers organized annual tech-fest 'Innovation', in which various workshops and seminars were organized. The placement cell representatives helped TPO in various placement activities. The issues or problems faced by students were taken care by the TPO and student cell representatives. Due to well balanced and in synch work, the college was able to achieve more than 80 placement. The magazine team under the leadership of magazine secretary published college magazine 'Kshitij'. The processes like collecting the material, editing, designing and publishing were done by students. The magazine committee was also involved in various department newsletters. The sports secretary organized and conducted intercollegiate sports tournament Pentacle. This was well supported by enthusiastic student volunteers. The students enthusiastically organized and participated in various cultural events. The university representative, general secretary and cultural secretary played major role in the organization of the annual cultural festival 'Gandhar'. The treasurer along with assistant treasurers took care of the budget planning and expenses required for all the events.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni are involved in student progression as members in Board of Studies

(BoS), experts at guest sessions, evaporators at different competitions.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Authority to spend certain amount per semester - given by the management to all Deans and Departmental Heads

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Research and Development	Incentives are introduced for attracting funds from external agencies for research projects, for filing patents and also for publishing articles in quality journals. Jahirabadkar madam
Examination and Evaluation	Quality guidelines on the setting of question papers for theory courses are developed and conveyed to the course instructors. Exam management system is implemented .
Teaching and Learning	Pedagogy cell consisting of faculty members from each of the departments is formed to explore experiment and disseminate modern trends methodologies pertaining to teaching-learning. Faculty members and students are encouraged to register for NPTEL online courses Students are given a choice to select NPTEL Courses as open electives
Curriculum Development	New curriculum structure has been applied in the academic year 2018-19 by - Considering global trends in technology Incorporating the knowledge dimensions of the Revised Blooms Taxonomy, wherever possible Increasing the proportion of laboratory courses relative to theory courses Including tutorials in some of the courses Internships are included as a part of curriculum

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

E-governace area	Details
No Data Entered/Not Applicable !!!	

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee

of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
[View File](#)				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	**29**	**0**	**5**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, Gratuity, Group Insurance, Remuneration for paper, Mediclaim policy	**EPF, Gratuity, Group lnsurance, Mediclaim policy**	**College Financial aid to needy students, life insurance, Government scholarships, Samsthas Scholarships.**

6.4 – Financial Management and Resource Mobilization

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

Institution conducts financial audits regularly. For the academic year 2018-19, the financial audit was conducted on May 31, 2019 in the presence of three external auditors.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose

No Data Entered/Not Applicable !!!
[View File](#)

6.4.3 – Total corpus fund generated

12432792

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA (Mechanical Dept. Compliance Visit)	Yes	Dean Academics and Dean Quality Assurance
Administrative	No		No	

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

- **Parents feedback on curriculum is taken and suggestions are incorporated for further development • College monitors students progress and communicates with the parents.**

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

No Data Entered/Not Applicable !!!

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

Development of the Perspective Plan of the college 2. Formation of faculty teams to assure and monitor all-round development of the college according to the perspective plan. 3. Periodic reviews on the progress of faculty research by the research committee of the college. 4. Formation of the Centre for Research, Innovation and Entrepreneurship. 5. Efforts are taken for for student internship 6. MOU with Companies namely , TRIZ Association of Asia, BOEING, Emerson, Devise Electronics Pvt. Ltd., AIC Spain, Tridiagonal Solutions Pvt. Ltd., Centre for Police Research, Pune, IFM Engineering Pvt. Ltd. 7. IPR and Entrepreneurship courses started

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1) Environmental Quality: • There is a separate estate maintenance department to look after green environment in the campus. With proper landscaping and well maintained lawns campus looks green. Every year, tree plantation activity is carried out by NSS students. • Savings in the paper usage is done by o Online voting (e- ballots) for college election. o Online Students' feedback for teaching-learning process. o Circulation of notices via e-mail. o Students' submissions in CD format. o Department news letter in electronic form 2) Water Conservation: • Drip irrigation and sprinklers are used on campus. • Rain water harvesting system is used on campus. • Low flush toilets are used in college buildings. • Waste water utilization is done for garden trees. 3) Renewable Energy: • Solar water heaters have been fitted in all hostels and guest houses. The capacity of solar water heater system is 18 KW with total number of 48 panels. Around 3000 litre of hot water is made available daily through this system. • Biogas plant has been installed in campus which utilizes around 160 kg of food waste from hostels. The capacity of this plant is 20 m3. Bio gas thus generated is used for cooking in hostels. 4) Waste Disposal: • Bio degradable and non bio degradable waste is segregated and bio degradable waste is used for compost. • Hazardous waste from Chemistry lab is disposed with due precautions 5) All the classrooms, laboratories, staffrooms and offices are well illuminated with natural light. CFL and LED bulbs and tubes are used at most of the places instead of fluorescent bulbs.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	8
Provision for lift	Yes	8
Braille Software/facilities	No	0
Scribes for examination	No	0
Any other similar facility	Yes	8

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
[View File](#)							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Visit to Parent Institution	01/08/2018	07/08/2018	548

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

Energy Conservation: ? Notices regarding switching off fans, tubes and electrical appliances when not in use are placed throughout the campus to avoid wastage of energy. ? The architecture of the college buildings is such that maximum advantage of day light can be taken. Use of renewable energy: • Solar water heaters have been fitted in all hostels and guest houses. The capacity of solar water heater system is 18 KW with total number of panels 48. Around 3000 litre of hot water is made available through system. • Biogas plant has been installed in campus which utilizes around 160 kg of food waste from hostels. The capacity of this plant is 20 m3. Bio gas thus generated is used for cooking in hostels. Water harvesting: • On campus three plants of water harvesting are in operation. Each plant can recycle around 3000 litre of water daily. In Monsoon season plant can accommodate 1, 40,000 litre of rain water. Efforts for Carbon neutrality: • Use of Bio sanitizer technology for garbage composting in campus– Oxygen rich water, treated with bio sanitizer is sprayed on garbage heap to ensure eco-friendly bio-conversion in to compost. In this process, there is no heat generation and minimal emission of green house gases. • The capacity of this plant is 6 ton per six month. • Dry leaves and waste papers are not allowed to be put on fire in campus. • Encouraging staff and students to use stairs instead of elevators. Plantation: • Tree plantation is carried out as an activity of NSS. • Old tree count is approximately 100. • Native tree count is approximately 1900. Hazardous waste management: • Hazardous waste from Chemistry lab is disposed with due precautions

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: • Title: "Holistic development of the students for employability enhancement" • Objective: The objective of this practice is to work towards holistic development of the engineering students for employability enhancement. • The Context: Engineering and technological world has become increasingly demanding, interdisciplinary and full of cut throat competition. To address the challenges, curriculum has to be industry aligned. Along with domain knowledge and innovation, for the holistic development of the students, life skills such as communication skills, leadership skills, team building and stress management must be inculcated. ? To address this need a unique certificate course on Innovation, Employability Skills Enhancement and Career Building is designed which focuses on Self Awareness, Professional Skills, Innovation and Communications. ? To gear up students placements, quantitative aptitude sessions are engaged for all third year students. ? Students are encouraged and supported to participate in national level competitions such as SAE BAJA, Robocon, and Mitsubishi Electric cup. ? Adequate and appropriate open electives are offered to the students to cater interdisciplinary nature of industry. ? To promote creative thinking, all second year students are offered an audit course- self expression. • The Practice: ? The 40-hour course was introduced from academic year 2013-14 for third year students for all the branches of engineering. Students are divided in five batches. In a week, each batch attends one session of two hours duration. Total 20 sessions are planned throughout the academic year for all batches. These sessions include as follows

1. Icebreakers, Introductions, MOOCs, Opportunities Abroad 2. Mind map- Theory, Individual Mind map, Group Mind map 3. DBDA and psychometric Test administered 4. Creativity Workshop 5. DBDA and Psychometric Result Discussion 6. Video Analysis and English Language Tips 7. Transactional Analysis (TA) and Presentation Skills 8. Corporate Grooming and Business Ethics 9. Project Selection and SWAF Analysis 10. Team Building Games 11. Effective Resume Writing Theory 12. Profile building, Innovation(IP) and feedback (Resume Book Distributed) 13. Review and Interview Theory 14. 6 Thinking Hats workshop Best Practice 2: • Title: Faculty Development Schemes • Objective: The objective of the practice is to motivate the faculty members to do research, organize and attend conferences, workshops, seminars and symposia to get to know emerging technology trends and also to update their domain knowledge. • The Context: For effective teaching as well as research engagements, faculty members are expected to have holistic idea of their area of specialization. To accomplish this, they require exposure to various inter-faculty interactions taking place via conferences, workshops, seminars, symposia etc. This situation is addressed by introducing various faculty development schemes. • The Practice: Research and Development Committee of the institution promotes and facilitates research undertakings of the faculty members. The faculty members are sponsored by the institute to attend the national / international conferences. To encourage quality research work by faculty members, various monetary incentives are in place. If the paper gets published in Scopus indexed journals, faculty gets reward of Rs.5000/-. If the faculty member receives grant from funding agencies, then 5 of the grant amount is rewarded to the faculty member by the institute. Faculty members pursuing Ph. D. programs are provided with two years of fully paid study leave from the institute. Faculty is encouraged to attend NPTEL courses related to their area of interest, area of research, teaching pedagogy etc. and appear for certification exam also. If the faculty gets valid certificate of passing the exam, institute reimburses the registration and exam fee. • Evidence of Success: ? Enhancement in the number of faculty members registering for Ph.D. programs. ? Enhancement in the number of quality publications by faculty members. ? Increase in the number of workshops, seminars attended by the faculty members. ? Increase in the number of faculty members implementing best pedagogic practices. ? Increase in the number of faculty members undergoing SWAYAM-NPTEL certification courses. • Problems encountered and resources required: Workload of the faculty members availing Ph. D. study leave is required to be allocated to other faculty members on contract basis. Fund allocation is required for supporting research activities and Ph. D. programs. Appropriate time slots are required to be identified for arranging Faculty Development Programs so that maximum faculty members can avail the benefit.

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

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust Provide the web link of the institution in not more than 500 words Cummins college of engineering for women, Pune, comes under the umbrella of its parent institution, Maharshi Karve Stree Shikshan Samstha. Cummins college is the first all women engineering college established in India in 1991with the support from Cummins Diesel (India) foundation. Since the establishment college is well supported by industry and society. MOUs have been signed with industries for enhancement of

technical skills of the students. College has been ranked in the band of 150-200 by National Institutional Ranking Framework (NIRF) for three consecutive years and amongst top 75 professional engineering colleges by Outlook Magazine for last five years. Highly meritorious students enrol in the college. Every year students participate and secure grand success in national level competitions like SAE BAJA, Mitsubishi electric cup, ROBOCON etc. The college has a separate training and placement cell. More than 80 students get on campus placements every year.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

 1. Formation of Pedagogy Cell 2. Introduction of Project-Based MOOCS courses in the curriculum 3. Formation of Extension Activities Cell 4. Up-gradation of Computer Laboratories 5. Registration of the Alumnae association of the college