

## **Mandatory Disclosure 30-6-2020**

- 1 **Name of the Institution** Maharshi Karve Stree Shikshan Samstha's  
**Address of the Institution** Cummins College of Engineering for Women  
**Telephone** Karvenagar, Pune – 411052  
**Email** 020-25311000  
[administrator@cumminscollege.in](mailto:administrator@cumminscollege.in)
- 2 **Name of the Trust** Maharshi Karve Stree Shikshan Samstha  
**Address including** Karvenagar, Pune – 411 052.  
**Telephone,** 020 25313000 /  
**E-mail** mksssho@gmail.com  
**Trustees** 1) Shri. Rajendra Jog  
2) Shri. Purushottam Lele
- 3 **Name of the Principal** Dr. Madhuri Bhushan Khambete  
**Address** Maharshi Karve Stree Shikshan Samstha's  
Cummins College of Engineering for Women  
Karvenagar, Pune – 411 052.  
**Phone number with STD** 020 – 25311100  
**Code**  
**Fax number with STD Code** 020 – 25311499  
**Mobile No.** 9225517613  
**E-mail** [principal@cumminscollege.in](mailto:principal@cumminscollege.in)
- 4 **Name of Affiliating** Savitribai Phule Pune University  
**University**

### 5 **Governance**

#### **5.1 Members of the Governing Body**

Sr.	Name of the Member	Designation
1	Shri. Promoad Gorhe	Chairman, Maharshi Karve Stree Shikshan Samstha
2	Shri.Rajendra Jog	Trustee, Maharshi Karve Stree Shikshan Samstha
3	Dr.Arpana Beniwal	UGC - Nominee
4	Dr.Vaishali Shinde	Univ. Nominee
5	Prof.N. D. Patil	Vice Chairman, Maharshi Karve Stree Shikshan Samstha
6	Shri.Jayant Inamdar	Management Committee Member, Maharshi Karve Stree Shikshan Samstha
7	Shri.Vilas Potdar	Management Committee Member, Maharshi Karve Stree Shikshan Samstha
8	Dr. P.V.S. Shastry	Secretary, Maharshi Karve Stree Shikshan Samstha
9	Dr. Ravindra Ingle	Professor, Cummins College of Engineering, Pune
10	Dr.Sandeep Musale	Professor, Cummins College of Engineering, Pune
11	Shri. Vikas Thapa	Vice President, Human Resources, Cummins India Ltd.
12	Dr. Madhuri Khambete	Principal, Cummins College of Engineering, Pune

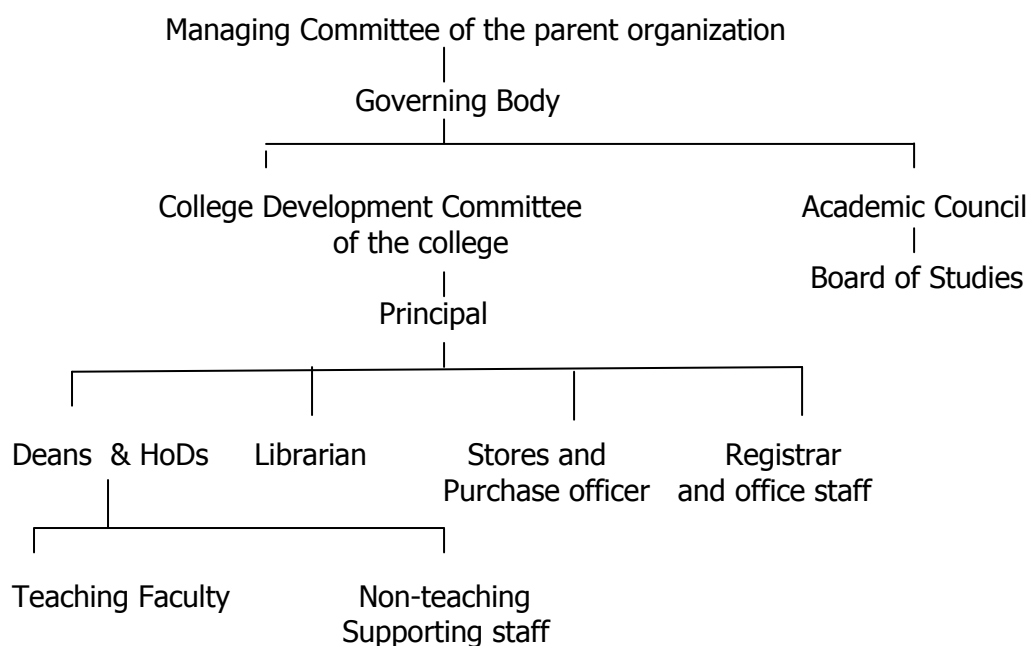
Sr.	Name of the Member	Designation
1	Prof. Dr. Madhuri Khambete	Principal, Cummins College of Engineering (Chairman)
2	Dr. Shabbir Merchant	Professor, IIT, Bombay (G.B. Nominee)
3	Dr. Anuradda Ganesh	Director, Cummins India Ltd. (G.B. Nominee)
4	Mr Datta Kuvalekar	Director, Forbes Marshall (G.B. Nominee)
5	Dr. Sachin Lodha	Principal Scientist, TCS (G.B. Nominee)
6	Prin. Dr. Ajay Fulambarkar	Principal, PCCOE (University Nominee)
7	Dr. Dattatreya Bormane	Principal, AISSMS (University Nominee)
8	Prof. Dr. Kalyani Joshi	Principal, Modern College of Engineering (University Nominee)
9	Prof. A.N. Muchrikar	Dean Student Affairs
10	Dr. Sunita Jahirabadkar	Dean R&D
11	Dr. Anand Bewoor	Associate Dean – Academics
12	Dr. Sandeep Musale	Associate Dean – Administration
13	Dr. Anita Patil	Associate Professor, Electronics & Telecommunication Dept.
14	Dr. Vikram Athalye	Dean Quality Assurance
15	Dr. Prachi Mukherji	HOD - Electronics & Telecommunications Engineering Dept.
16	Dr. Supriya Kelkar	HOD - Computer Engineering Dept.
17	Dr. Anagha Panditrao	HOD - Instrumentation & Control Engineering Dept.
18	Dr. Anagha Kulkarni	HOD - Information Technology Dept.
19	Dr. Ajit Bhosale	HOD - Mechanical Engineering Dept.
20	Dr. Madhuri Purandare	HOD - Basic Sciences & Humanities Dept.
21	Prof. Amit Rajurkar	Training & Placement Officer
22	Dr. Ravindra Ingle	Dean Academics (Member Secretary)

## 5.2 Members of Academic Advisory Body

## 5.3 Frequency of the Board meetings and Academic Advisory Body meetings

Twice in a year (Minimum)

## 5.4 Organization Chart



### **5.5 Nature and Extent of involvement of Faculty and Students in academic affairs /Improvements.**

- Faculty members are members of respective BOS where academic affairs and improvement in curriculum discussed.
- Faculty representatives are also members of IQAC.

### **5.6 Mechanism / Norms and Procedure for democratic / good governance.**

Faculty members, non-teaching staff members and students are members of various committees such as College Development Committee, Internal Quality Assurance Cell (IQAC), Local Managing Committee etc. They express their views and participate in the decisions related to governance, policies and implementation.

### **5.7 Student feedback on institutional governance / faculty performance**

Feedback on Institutional governance & faculty performance is taken from students. These feedbacks are analyzed & accordingly improvements are done.

### **5.8 Grievance Redressal mechanism for faculty, staff & students**

1. We have teacher mentor scheme. Under this scheme students can approach their mentor for any grievances.
2. HRD Subcommittee of the college also acts a grievance committee for faculty and staff

### **5.9 Establishment of Anti Ragging Committee**

1	Dr. Madhuri Khambete	Principal, Cummins College of Engineering for Women (Chairperson)
2	Police Inspector Warje Malwadi Police Station	Representative of Civil and Police administration
3	Mrs. Asha Bapat	Representative of Non- Government Organization
4	Shri Raghvendra Rao	Representative of Parents
5	Dr. Madhuri Purandare	Professor, Cummins College of Engineering for Women (Representative of Faculty Members)
6	Prof. Vaishali Salgar	Assistant Professor, Cummins College of Engineering for Women
7	Ms. Revati Gore	Registrar, Cummins College of Engineering for Women
9	Ms. Prarthana Ranade	Representative of Students' (Fresher Student)
10	Ms. Aditi Chintawar	Representative of Students' (Senior Student)
11	Ms. Kranti Gangurde	Representative of Students' (Hostel)

### 5.10 Establishment of Online Grievance Redressal Mechanism

College has established online Grievance procedure. Link for registering the grievance is published on the website. Students can file their grievance anonymously. Grievance are analysed and appropriate actions are taken to sort out grievances.

### 5.11 Establishment of Grievance Redressal Committee in the Institution

SN	Name	Post	E-mail
1	Ad. Shrikant Narayan Patil	Chairman	<a href="mailto:Shrikant22.2010@rediffmail.com">Shrikant22.2010@rediffmail.com</a>
2	Dr. Pravin Digambar choudhari	Member	<a href="mailto:Pd.chaudhari@yahoo.com">Pd.chaudhari@yahoo.com</a>
3	Dr. E. B. Khedkar	Member	<a href="mailto:ebkhedkar@gmail.com">ebkhedkar@gmail.com</a>
4	Dr. Milind Vasant Talang	Member	<a href="mailto:milindtelang@hotmail.com">milindtelang@hotmail.com</a>
5	Dr. Dattatray Shankar Bormane	Member	<a href="mailto:rscoe@jspm.edu.in">rscoe@jspm.edu.in</a>

### and Appointment of OMBUDSMAN by the University

### 5.12 Establishment of Internal Complaint Committee (ICC)

S N	NAME	DESIGNATION	E-MAIL
1	Dr. Supriya Kelkar	Associate Professor, Cummins College of Engineering for Women (Chairperson)	<a href="mailto:supriya.kelkar@cumminscollege.in">supriya.kelkar@cumminscollege.in</a>
2	Mrs. Asha Bapat	Representative of NGO	<a href="mailto:asnbapat@gmail.com">asnbapat@gmail.com</a>
3	Prof. Meenal Kamalakar	Assistant Professor, Cummins College of Engineering for Women	<a href="mailto:meenal.kamalkar@cumminscollege.in">meenal.kamalkar@cumminscollege.in</a>
4	Prof. Ashok Khedkar	Associate Professor, Cummins College of Engineering for Women	<a href="mailto:ashok.khedkar@cumminscollege.in">ashok.khedkar@cumminscollege.in</a>
5	Shri. Anand Bhosale	Storekeeper, Cummins College of Engineering for Women	<a href="mailto:anand.bhosale@cumminscollege.in">anand.bhosale@cumminscollege.in</a>
6	Ms. Revati Gore	Registrar, Cummins College of Engineering for Women	<a href="mailto:revati.gore@cumminscollege.in">revati.gore@cumminscollege.in</a>
7	Miss. Aditi Chintawar	Student	<a href="mailto:aditi.chintawar@cumminscollege.in">aditi.chintawar@cumminscollege.in</a>
8	Miss. Aishwary Landekar	Student	<a href="mailto:aishwarya.landekar@cumminscollege.in">aishwarya.landekar@cumminscollege.in</a>
9	Miss. Gargi Deshpande	Student	<a href="mailto:gargi.deshpande@cumminscollege.in">gargi.deshpande@cumminscollege.in</a>

### 5.13 Establishment of Committee for SC/ ST

SN	Name	Post	E-mail
1	Prof. Shashikant Sahare	Assistant Profesor, Cummins College of Engineering for Women (Chairman)	<a href="mailto:shashikant.sahare@cumminscollege.in">shashikant.sahare@cumminscollege.in</a>
2	Prof. Prachi Waghmare	Assistant Profesor, Cummins College of Engineering for Women	<a href="mailto:prachi.waghmare@cumminscollege.in">prachi.waghmare@cumminscollege.in</a>
3	Prof. Harish Shinde	Assistant Profesor, Cummins College of Engineering for Women	<a href="mailto:harish.shinde@cumminscollege.in">harish.shinde@cumminscollege.in</a>
4	Shri. Vijay Gaikwad	Nonteaching Staff Member, Cummins College of Engineering for Women	<a href="mailto:vijay.gaikwad@cumminscollege.in">vijay.gaikwad@cumminscollege.in</a>
5	Shri.Santosh Waghmare	Nonteaching Staff Member, Cummins College of Engineering for Women	<a href="mailto:santosh.waghmanre@cumminscollege.in">santosh.waghmanre@cumminscollege.in</a>

## 5.14 Internal Quality Assurance Cell

SN	Name	Designation
1	Dr. Madhuri Khambete	Principal, Cummins College of Engineering for Women (Chairperson)
2	Mr. Promoad Gorhe	Chairman, Management Committee of MKSSS
3	Rajendra Jog	Trustee, MKSSS
4	Dr. P.V.S. Shastry	Secretary, Management Committee of MKSSS
5	Mr. C. Shekhar Dhamankar	Industry- Nominee
6	Dr. Ravindra Ingle	Dean academics, Cummins College of Engineering for Women
7	Prof. A.N. Muchrikar	Dean Student Affairs, Cummins College of Engineering for Women
8	Dr. Sunita Jahirabadkar	Dean R & D, Cummins College of Engineering for Women
9	Dr. Ajit Bhosale	Dean Exam.& HoD Mech., Cummins College of Engineering for Women
10	Dr. Prachi Mukherji	HoD E & Tc., Cummins College of Engineering for Women
11	Dr. Supriya Kelkar	HoD Computer, Cummins College of Engineering for Women
12	Dr. Anagha Panditrao	HoD Instru., Cummins College of Engineering for Women
13	Dr. Anagha Kulkarni	HoD Info.Tech., Cummins College of Engineering for Women
14	Dr. Madhuri Purandare	HoD BSH, Cummins College of Engineering for Women
15	Ms. Revati Gore	Registrar, Cummins College of Engineering for Women
16	Mr. Prashant Wayachal	Office Superintendent, , Cummins College of Engineering for Women
17	Urja Deshpande	Student Representative
18	Aishwarya Landekar	Student Representative
19	Mrs. Preeti Nagarkar	Alumnae Representative
20	Mrs. Sudhakshina Girish	Alumnae Representative
21	Dr. Vikram Athalye	IQAC-Co-ordinator
22	Dr.Anand Bewoor	Invitee
23	Mrs. Jyoti Chitale	Invitee
24	Prof.Amit Rajurkar	Invitee

## 6. **Programmes**

### 6.1 Name of the Programmes approved by AICTE:- Engineering & Technology

### 6.2 Name of the Programmes Accredite :-

Engineering & Technology Programmes is Accredited by NAAC. Some of the courses under Engineering & Technology Programme are accredited by NBA.

### 6.3 Status of Accreditation of the courses:-

College offers Five Undergraduate level and 3 Postgraduate level courses under Engineering & Technology Programme. All the course are accredited by NAAC. Three Undergraduate level courses are accredited by NBA for the period valid till 2020-2021. For remaining two Undergraduate level courses accreditation application is in process.

#### 6.4 Programme Details:-

SN	Details			
1	Name of the Programme	B. Tech. & M.Tech. Electronics and Telecommunications Engineering		
2	Number of Seats	180 + 18		
3	Duration	Four Year		
4	Cut-off Marks / Rank of Admission during last three year	2017-18	2018-19	2019-20
		119	119	95.62
5	Fees	149000/-	160000/-	177000/-
6	Placement Facilities	College is having independent training and placement cell. To enhance the communication skills of the students College conduct the mandatory training to the students through employability enhancement program and garnishing talent. Companies visit to the college for campus placement. Infrastructure is provided to conduct the online tests as well as interviews.		
7	Campus Placement	2017-18	2018-19	2019-20
	Students placed	127	125	156
	Minimum salary	3.18	2.65	3
	Maximum salary	22	18.75	17.5
	Average salary	4.99	6.18	5.79

1	Name of the Programme	B. Tech. Computer Engineering		
2	Number of Seats	180		
3	Duration	Four Year		
4	Cut-off Marks / Rank of Admission during last three year	2017-18	2018-19	2019-20
		140	141	98.30
5	Fees	149000/-	160000/-	177000/-
6	Placement Facilities	College is having independent training and placement cell. To enhance the communication skills of the students College conduct the mandatory training to the students through employability enhancement program and garnishing talent. Companies visit to the college for campus placement. Infrastructure is provided to conduct the online tests as well as interviews.		
7	Campus Placement	2017-18	2018-19	2019-20
	Students placed	154	156	195
	Minimum salary	30	39.50	3
	Maximum salary	3.18	3.29	22
	Average salary	7.1	9.41	9.36

1	Name of the Programme	B. Tech. & M.Tech. Instrumentation & Control Engineering		
2	Number of Seats	60 + 18		
3	Duration	Four Year		
4	Cut-off Marks / Rank of Admission during last three year	2017-18	2018-19	2019-20
		107	109	94.09
5	Fees	149000/-	160000/-	177000/-
6	Placement Facilities	College is having independent training and placement cell. To enhance the communication skills of the students College conduct the mandatory training to the students through employability enhancement program and garnishing talent. Companies visit to the college for campus placement. Infrastructure is provided to conduct the online tests as well as interviews.		
7	Campus Placement	2017-18	2018-19	2019-20
	Students placed	28	36	52
	Minimum salary	3.5	3.80	1.44
	Maximum salary	5.5	10.13	9
	Average salary	4.46	5.15	4.9

1	Name of the Programme	B. Tech. Information Technology		
2	Number of Seats	60		
3	Duration	Four Year		
4	Cut-off Marks / Rank of Admission during last three year	2017-18	2018-19	2019-20
		132	133	97.87
5	Fees	149000/-	160000/-	177000/-
6	Placement Facilities	College is having independent training and placement cell. To enhance the communication skills of the students College conduct the mandatory training to the students through employability enhancement program and garnishing talent. Companies visit to the college for campus placement. Infrastructure is provided to conduct the online tests as well as interviews.		
7	Campus Placement	2017-18	2018-19	2019-20
	Students placed	44	60	62
	Minimum salary	3.18	3.29	3.6
	Maximum salary	30	39.50	29
	Average salary	7.09	10.48	10.4

1	Name of the Programme	B. Tech. & M.Tech. Mechanical Engineering		
2	Number of Seats	60 + 30		
3	Duration	Four Year		
4	Cut-off Marks / Rank of Admission during last three year	2017-18	2018-19	2019-20
		132	121	95.45
5	Fees	149000/-	160000/-	177000/-
6	Placement Facilities	College is having independent training and		

		placement cell. To enhance the communication skills of the students College conduct the mandatory training to the students through employability enhancement program and garnishing talent. Companies visit to the college for campus placement. Infrastructure is provided to conduct the online tests as well as interviews.		
7	Campus Placement	2017-18	2018-19	2019-20
	Students placed	48	67	59
	Minimum salary	3.00	2.65	4
	Maximum salary	8.25	10.13	10
	Average salary	5.20	6.45	6.39

Name and duration of programme (s) having **Twinning and Collaboration** with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: - **NA**

## 7. Faculty

Branch wise list of faculty members	<a href="http://www.cumminscollege.org">www.cumminscollege.org</a> Department wise staff profile is on college website viz.
Permanent faculty	122
Total Faculty	156
Adjunct faculty (Visiting)	3
Permanent faculty : student ratio	1:14.69
No. faculty employed and left during the last three years	No. faculty employed - 21 No. faculty left - 07

## 8. Profile of Principal / Faculty

Profile of Principal / Faculty	<a href="http://www.cumminscollege.org">www.cumminscollege.org</a> Profile is on college website viz. <a href="#">click here</a>
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## 9. Fees

### 9.1 Fees approved by State Fee Committee (Fee Regulating Authority)

Rs.177000/- p.a. (Tuition Fee – 153913/- + Development Fee – 23087/-)

### 9.2 Time schedule for payment of fee for the entire programme

At the beginning of the year / semester.

### 9.3 No. of Fee waivers granted with amount and name of students

Tuition fee waiver is given to 18 students as per DTE rules.

#### **9.4 Number of scholarship offered by the Institution, duration and amount**

Partial concessions, scholarships, fee waivers are given by the trust to approximately for 70 students. Total financial assistances given is Rs.10,67,146/-.

#### **9.5 Criteria for fee waivers/scholarship**

Fee waiver is as per DTE rules. Financial assistance is given to the needy students.

#### **9.6 Estimated cost of Boarding and Lodging in Hostels**

Hostel Fee - Rs. 75600/- (Lodging and Boarding)

### **10. Admission**

#### **10.1 Number of seats sanctioned with the year of approval :**

No. of seats sanctioned - 540 + 54 (EWS)  
Year of Approval - 2019-20

#### **10.2 Number of Students admitted under various categories each year in the last three years**

Year	SC	ST	NT/VJ	OBC	SBC	OPEN
2017-18	44	04	43	87	09	341
2018-19	45	05	37	91	13	355
2019-20	43	05	41	143	03	377

#### **10.3. Number of applications received during last two years for admission under Management Quota and number admitted**

Year	Application Received	Admitted Student
2017-18	158	102
2018-19	111	102
2019-20	109	102

### **11. Admission Procedure**

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra

#### **11.1 Mentioned the admission test being followed, name and address of the test agency and its URL**

**Test being followed** - MHT-CET, JEE

**Name and address of the test agency** - Maharashtra Government, CBSE

**URL** - [www.mahacet.org](http://www.mahacet.org)

**JEE** - <https://jeemain.nic.in>

### **11.2 Number of seats allotted for different test qualified candidates separately**

As per DTE rules.

### **11.3 Calendar for admission against management / vacant seats**

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra.

## **12 Criteria and Weightages for Admission**

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra.

## **13 List of Applicants**

Admission Regulating Authority & Director of Technical Education regulates admission procedure. Applications are received by these authorities.

## **14 Results of Admission Under Management seats/Vacant seats**

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra procedure is followed. Admissions are approved by competent authority.

## **15. Information of Infrastructure and Other Resources Available**

- **Number of Class Rooms and size of each** : 31 (Size as per AICTE norms)
- **Number of Tutorial rooms** : 7 (Size as per AICTE norms)
- **Number of Laboratories** : 57 (Size as per AICTE norms)
- **Number of Drawing Halls** : 2  
**capacity of each** : 50
- **Number of Computer Centers** : 2  
**capacity of each** : 50
- **Central Examination Facility, Number of rooms and capacity of each:**  
**Number of rooms** - 2  
**Capacity of each** - 50
- **Barrier Free Built Environment for disabled and elderly persons** :  
Facilities are available for disabled and elderly persons. Barrier free built environment is provided.
- **Occupancy Certificate** : Available
- **Fire and Safety Certificate** : Certificates are received from competent authority
- **Hostel Facilities** : Hostel facility available for 950 students.

## Library

- **Number of Library books/ Titles/ Journals available (program-wise)**

S.N.	Course	Total Number of Titles	Total Number of Volumes	Number of Journals
				National
1	Electronics & Telecommunication	3433	17744	13
2	Computer Engineering	3621	16050	8
3	Instrumentation & Control	2268	8306	13
4	Information Technology	1680	5616	7
5	Mechanical Engineering	1158	4059	12
6	Basic Sciences & Humanities Department	1694	6577	4
7	Others	3848	4715	9
	<b>Total</b>	<b>17702</b>	<b>63067</b>	<b>66</b>

- **List of National Journals –**

**Sr. No. Name of the Journal**

- 1 Journal of Neural Computing Systems
- 2 International Journal of Advances in Embedded Systems Research
- 3 Indian Journal of VLSI Design
- 4 i-manager's Journal on Pattern Recognition
- 5 Journal of Scientific and Industrial Research
- 6 Indian Journal of Marketing
- 7 CIIT - International Journal Of Digital Image Processing
- 8 IOSR Journal of VLSI and Signal Processing
- 9 Indian Journal of Advances In Communication Engineering
- 10 Indian Journal of Wireless and Mobile Communications
- 11 IETE Technical Review
- 12 IETE Journal Of Research
- 13 Journal Of Hybrid Computing And Research
- 14 Journal of Advanced Research in Computer Engineering
- 15 Journal of Computational Intelligence in Bioinformatics
- 16 Journal of Computer Science and Applications
- 17 Science, Technology and Society
- 18 MAPAN - Journal of Meteorology Society of India
- 19 Journal of The Indian Institute of Science
- 20 Journal of Optics (India)
- 21 Industrial Product Finder
- 22 Indian Journal of Biotechnology
- 23 Journal of Creative Communication
- 24 Defense Science Journal
- 25 International Journal of Engineering and Advanced Technology
- 26 International Journal of Innovative Technology and Exploring Engineering
- 27 Journal of Intellectual Property Rights
- 28 International Journal of Engineering Research and Technology

- 29 Journal of Indian Chemical Society
- 30 International Journal of Systems Assurance Engineering and Management
- 31 Current Science
- 32 Indian Journal of Mathematics
- 33 Journal of Ramanujan Mathematical Society
- 34 Journal of Algebra and Applied Mathematics
- 35 International Journal of Recent Technology and Engineering
- 36 Voice and Data
- 37 Indian Journal of Fluids Engineering
- 38 International Journal of Mechanical and Materials Technologies
- 39 International Journal of Advances in Engineering Sciences and Applied Mathematics
- 40 Journal of The Institution of Engineers (India): Series C
- 41 Journal of The Institution of Engineers (India): Series D
- 42 JP Journal of Heat and Mass Transfer
- 43 International Journal of Mechanical Engineering Research
- 44 International Journal of Mechanical Engineering
- 45 Journal of Vibration Engineering & Technologies
- 46 Indian Journal of Engineering and Materials Sciences
- 47 Indian Journal of Advances and Applications in Fluid Mechanics
- 48 International Journal of Vehicle Structures and Systems
- 49 Journal of The Indian Mathematical Society
- 50 Journal of Polymer Materials
- 51 Journal of The Indian Society of Remote Sensing
- 52 International Journal of Applied Computational Science and Mathematics
- 53 Journal of Innovation in Computer Science and Engineering
- 54 Indian Journal of Advances in Computer Sciences and Technology
- 55 Electronics for you
- 56 Data Quest
- 57 Journal of Engineering Education Transformations
- 58 National Geographic
- 59 Readers Digest
- 60 Out Look
- 61 India Today
- 62 The Week
- 63 University News
- 64 Down to Earth
- 65 Yojana
- 66 Saptahik Vivek

### **International Journals / Online Journals**

**IEEE ASPP+POP** - 205 e-journals, 1452 proceedings.

**ELSEVIER ENGINEERING &COMPUTER SCIENCE**-296 e-journals

**ASME**- 33 e-journals

## E-Library Facility

Digital Library – Access to electronic resources is given through digital library. Access Engineering – 761 e-books and NPTEL video lectures are available. Links to National Digital Library, e-journals by Indian Academy of Science, Question papers, College News Links are provided.

## Laboratory & Workshop

List of Major Equipment/Facilities in each Laboratory/Workshop

## Computing Facilities

Internet Bandwidth	330 Mbps
Number and configuration of System	1479
Total number of system connected by LAN	All 1467
Total number of system connected by WAN	All 1467
Major software packages available	System Software- 15 + Application Software 56 = Total 71
Special purpose facilities available	Campus Network & Wifi for Training & Placement Companies

- **Innovation Cell** : Yes
- **Social Media Cell** : No
- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments** : Not applicable

## List of facilities available

### Games & Sports Facilities

- College has a big playground of 2.5 acres.
- The ground has many sports facilities like volleyball, Football, Handball, Kabaddi, Kho Kho, Box Cricket, Netball and Athletic track.
- College has also provided the facility of basketball court to our students.
- Apart from outdoor games college has made provision of indoor games such as Table tennis, carom, chess etc.
- College also has badminton court in the premises for practice purpose.
- College has a central well equipped gymnasium with facilities such as machine exercises, free weight exercises, aerobics, Zumba, massage, steam bath and a separate hall for yoga and meditation.
- It is huge gymnasium of 5000sq. Ft. Space only for ladies.
- The gymnasium has qualified and trained instructors.
- Gymnasium also provides yoga certification courses.
- The gymnasium facility is in concessional rate for our college students.

## **Extra-Curricular Facilities**

College has well equipped auditoriums for cultural activities. Audio system, band setup are available. College encourages students to participate in sports as well as cultural activities. Community development activities are also conducted. Students have form clubs such as photography club, art circle, astronomy club through which extra-curricular activities are conducted with the help of faculty members and administrative staff. College offers audit course at second year level "Self Expression". Under this students select any activity such as dance, painting, gardening, cooking etc. Experts conduct hands-on session of these activities every week.

## **Soft Skills Development Facility**

College offers value addition course "Employability Enhancement Programme" for all Third Year students at no addition cost. Soft Skills development sessions are conducted by experts under this programme.

For the second year students with the help of CII and Eaton Communications Skills & Soft Skills development training is offered.

At Third Year level Audit Course on Communication is compulsory. Three full time faculty members are appointed to conduct these sessions.

## **Teaching Learning Process**

- ❖ Curricula and syllabus for each of the programmes as approved by the Governing Body – Available on Website : [www.cumminscollege.org](http://www.cumminscollege.org) – [Click here](#)
- ❖ Academic Calendar – Available on Website : [www.cumminscollege.org](http://www.cumminscollege.org)
- ❖ Teaching Load of each Faculty
  
- ❖ **Internal Continuous Evaluation System and place**
  - System for continuous evaluation of students, internally is in place. This is documented in structure of B.Tech programme.
  - Evaluation is performed by subject teachers through written exam, practical exam and oral exam. Different examination methods like poster presentation, seminar presentations, mini projects are also applied for some subjects. Detailed explanation w.r.to assessment Processes used aspects is presented as follows,
  
- ❖ **Process for internal continuous evaluation**
  - A student is assessed for her academic performance in theory course through In-Semester Examination (ISE) and End Semester Examination (ESE).
  - The assessment of In-Semester Examination has two components i.e. T1 and T2.
  - The mode of conducting T1 is decided and announced by the Course Instructor at the beginning of the course and is mentioned in the commitment chart. The different modes for conducting of T1 can be viva-voce, quizzes, puzzles, crosswords, seminars, model building, written test, multiple choice questions, group discussions, online test etc. Written (descriptive) examination is conducted for T2 and ESE.
  - All the examinations are conducted as per schedule given in the academic calendar.

- HoD appoints Subject chairman and paper setters for all the courses at the start of semester. Syllabus for In-semester, End-semester examinations and unit wise marking scheme is predefined for all the courses in the commitment chart.
- The question paper setting is done as per revised Bloom's Taxonomy to test knowledge of the students based on the Cognitive levels (C1-Remember, C2-Understand, C3-Apply, C4- Analyze, C5-Evaluate, C6- Create).
- Answer sheets are evaluated by college approved subject teachers using model answer sheet provided by course chairman.
- Marks are submitted on college online portal.

#### ❖ **Continuous Assessment in the laboratory**

- A list of experiments and the conduction plan is displayed on the notice board before the commencement of the semester.
- Regular assessment is based on the understanding of experiments, conceptual clarity, regularity and timely completion of the journal.
- Journals are assessed after every practical and orals are conducted throughout the semester. Attendance and assessment record is maintained. Based on continuous assessment final term-work marks are given by the internal examiners. [Practice oral and practical sessions are conducted for all the students before the end of the semester so that they are prepared for end-semester orals and practical examination.]
- Schedule, duration and mode of evaluation is communicated to students by way of academic calendar, structure of the program and internal e-mails of chairman (subjects).

#### ❖ **Student's assessment of Faculty, system in place**

- At the end of every semester, students give feedback of faculty members for their courses. This feedback is analyzed. The Principal and Head of Department discuss the feedback with each faculty member.
- Through this discussion, the strengths and areas of improvement are conveyed to each faculty member. Head of Department reviews areas of improvements and suggestions are given to the faculty members. Every faculty member has copy of his/her feedback.

❖ Student's assessment of Faculty, System in place - [Click here](#)

For each Post Graduate Courses give the following:

Sr. No	Name of the Course
1	M. Tech. Electronics and Telecommunications Engineering
2	M. Tech. Instrumentation & Control Engineering
3	M. Tech. Mechanical Engineering

Laboratory facilities exclusive to the Post Graduate Course : As per AICTE Norms

#### **Special Purpose**

Software, all design tools in case : List

Academic Calendar and frame work : List

## 16. Enrollment and placement details of students in the last 3 years

Sr.No.	Branch	2017-18		2018-19		2019-20	
		Enroll	Placement	Enroll	Placement	Enroll	Placement
1	E&TC	207	132	211	126	222	159
2	COMPUTER	226	154	210	156	232	196
3	INSTRU	62	25	65	36	83	53
4	I.T.	67	46	80	60	75	62
5	MECH	75	49	76	66	72	57
	Total	637	406	642	444	684	527

## 17 List of Research Projects/ Consultancy Works –

SN	Funding Agency	Grant Received
1	ISRO-UoP Joint Research Programme	8,70,000/-
2	SPPU,BCUD Research Funding	80,000/-
3	Ramchandra Pratishtan Pune	2,00,000/-
4	Rajiv Gandhi Science and Technology commission, Government of Maharashtra	16,80,000/-
5	Department of Science and Technology – IDP Cell	29, 96,457/-
6	Board of College and University Development, Savitribai Phule Pune University	1,00,000/-
7	Board of College and University Development, Savitribai Phule Pune University	1,15,000/-

### **17.2 Publications out of research in last three years out of masters projects**

- Presented in 2018 – 12 papers
- Presented in 2017 – 8 papers
- Presented in 2016 – 7 papers

### **17.3 Industry Linkage:**

College has very good interaction with many industries for activities such as: students' projects, internships, lab development, curriculum development and faculty training.

- College has very close association with Cummins India Ltd and Cummins Inc. Cummins India Ltd has declared Cummins College as their 'Signature Project'.
- Under this project many initiatives towards infrastructure development, faculty development and student development are undertaken.
- College is autonomous since 2016-17. Experts from renowned industries are members of Board of Studies, Academic Council and Governing Body. Their inputs help to frame curriculum as per the industry needs.

- EATON, Citi Bank, Persistent Systems Ltd, Avaya, Ericson are closely working with the college for students' industrial training and students' projects.
- Some of the laboratories are developed by the support of various industries like Forbes Marshall, Emerson, Cummins India Ltd, Rose-Mount Systems, Honeywell, Videocon, IBM, CISCO etc.
- Collaborations with EATON provides a platform to women engineering students from vernacular, semi-vernacular and rural background to acquire appropriate soft and social skills that are critical to achieve individual and professional success.
- With the help of CIL, MOU is signed with internationally renowned university for masters' program fellowship at Purdue, USA.

#### 17.4 Memorandum of Understanding (MoU) with University & Industry

College has very good association with many industries. College has signed MoUs with some of them. List of valid MoUs is given below.

S.N.	MoU Signed with Industry	Date of MoU
1	AIC Spain	07/05/2009
2	Eaton	13/12/2013
3	IGATE	07/11/2014
4	Mercedes-Benz	28/02/2017
5	Ansys	23/08/2017
6	BOEING	31/10/2018
7	Tridiagonal Solutions Pvt. Ltd.	20/05/2019 to 19/05/2024 (5 yrs)
8	Emerson	27/02/2019
9	Devise Electronics Pvt. Ltd.	15/03/2019
10	ifm engineering pvt. ltd.	18/06/2019
11	IBM India Private Limited	02/08/2019
12	The Associated Chambers of Commerce and Industry of India, ASSOCHAM	01/10/2019
13	The Automotive Research Association of India	29 <sup>th</sup> November, 2019
14	Swayam Sahayata Sewa Sahakari Sanshta Maryadit, Pune & CCEW	21 <sup>st</sup> January, 2020

18	<u>LoA and subsequent EoA (AICTE approvals) till the current Academic Year – <a href="#">Click here</a></u>
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19	<u>Accounted audited statement for the last three years – <a href="#">Click here</a></u>
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20 Best Practices adopted –

- 1) Full paid Ph.D. study leave for Faculty members.
- 2) Provision of sabbatical leave.
- 3) Incentives for quality journal publications.
- 4) Incentives for research funding.
- 5) Institution of Chair Professor by Cummins India Ltd.
- 6) Full financial support for filling patent.
- 7) Fully funded Master's Programme for selected students at Purdue.
- 8) Financial assistance to the needy students.
- 9) 'Employability enhancement program' to all third year students.
- 10) Communication Skills development & Soft Skills development training for second & third year students.
- 11) Mentor mentee scheme.
- 12) Sponsorship to the students towards membership fees for professional society chapters.
- 13) Active students' clubs for co-curricular & extra-curricular activities.
- 14) Digital evaluation system.
- 15) Bloom's taxonomy based evaluation system.