

**SCHOOL OF ENGINEERING**  
**COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**Mandatory Disclosures**

**1. Name of the Institution**

SCHOOL OF ENGINEERING  
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
KALAMASSERY, Kochi-22  
PIN- 682022  
TELEPHONE : 0484-2862030  
EMAIL ID: principal\_soe@cusat.ac.in

**2. Name and address of the Trust/ Society/ Company and the Trustees**

Government Institution

**3. Name and Address of the Principal**

Head	Name	Phone Number	Mobile Number	E-mail address
Principal	Prof .(Dr.) Dipak Kumar Sahoo	0484-2862030	+91 9496215851	<a href="mailto:principal_soe@cusat.ac.in">principal_soe@cusat.ac.in</a>

**4. Name of the affiliating University**

Constituent Department under the “Cochin University of Science and Technology”.

**5. Governance**

**1. MEMBERS OF THE BOARD AND THEIR BRIEF BACKGROUND**

Syndicate, Academic Council and Senate are the Principal Authorities of the University. Syndicate is the Chief Executive Body which meets every month.

**Syndicate**

The Syndicate is the chief executive body of the University comprising seventeen members and presided over by the Hon. Vice-Chancellor. It has powers for general superintendence and control over all the institutions. The syndicate normally meets once a month.

**Senate**

The Senate, comprising of 83 members, under chairmanship of Hon. Vice-Chancellor, review the general policies of the University and suggests measures for improvement and development, from time to time. The Senate normally meets once in four months.

**Academic Council**

The Academic Council is the principal academic body of the University and has powers to coordinate and exercise general supervision over the academic programmes and policies of the University. It is also responsible for the up keeping of the academic standards of instruction, research, education, examination

etc. within the university. It is presided over by the Hon. Vice - Chancellor. The Academic Council normally meets once in four months.

### **Other Statutory Bodies**

Other Statutory Bodies include the Faculties, Board of Studies, Departmental/School Councils, Planning Committee, Finance Committee, Staff Council and the University Appellate Tribunal.

### **Board of Studies**

Out of the 10 Faculties in the University, School of Engineering comes under the Faculty of Engineering, headed by the Dean (Engineering). The five Boards of Studies under the Faculty of Engineering are as under.

- a. Electrical & Electronics Engineering, Electronics & Communication Engineering
- b. Civil Engineering
- c. Mechanical & Marine Engineering
- d. Chemical & Safety & Fire Engineering
- e. Computer Science and Engineering & Information Technology

The Boards of Studies are responsible for the overall formulation of syllabus, its revision and related activities of various programmes under its purview.

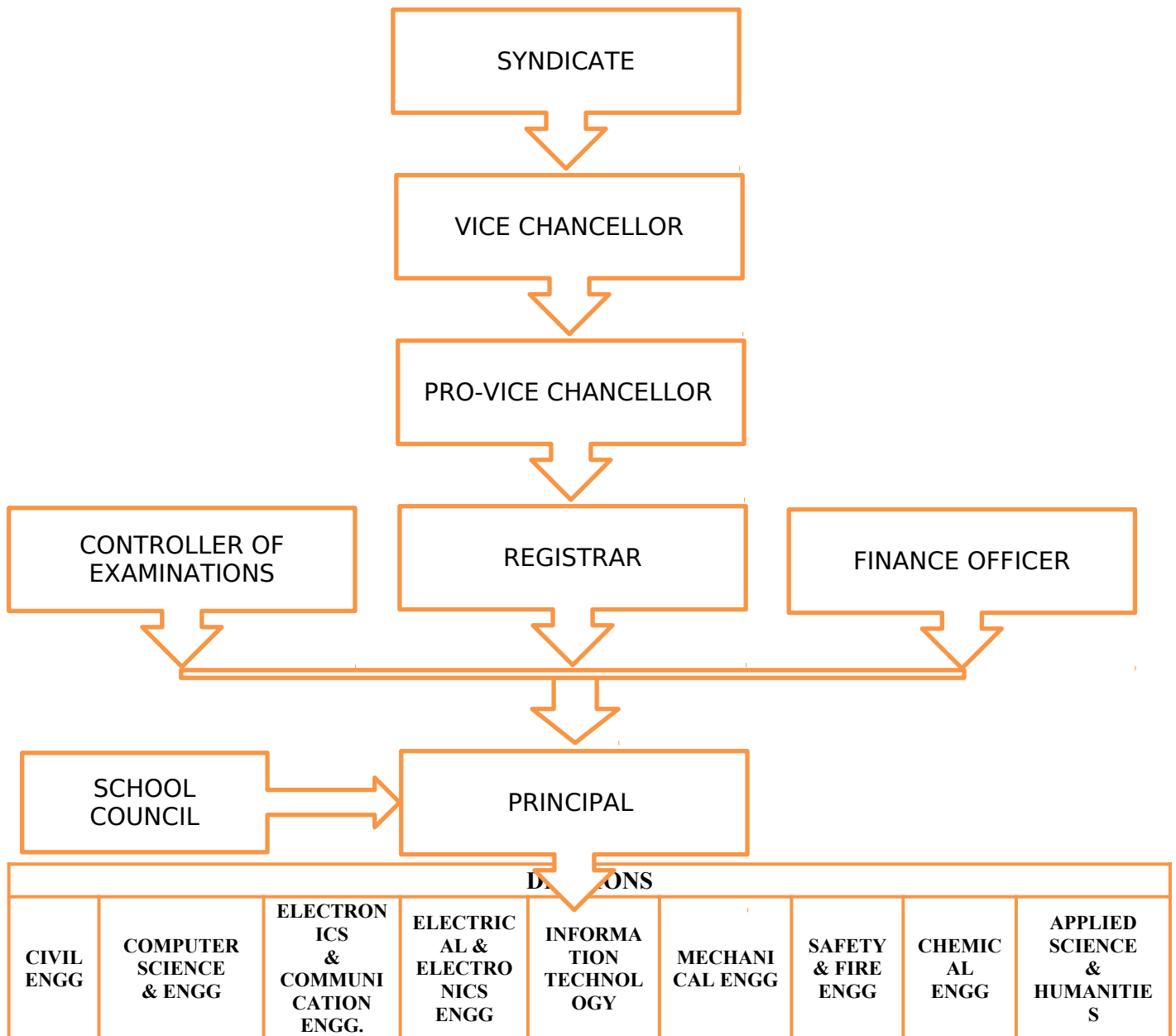
### **School Council**

All permanent faculty members in School of Engineering are members of the School Council. The School Council decides and recommends all the administrative/academic/financial matters of the School. Principal is the Chairman and a Senior Professor is the Secretary of the School Council.

- Frequency of the Board Meeting and Academic Advisory Body-table to be prepared

<b>Sl.No.</b>	<b>Name of the Board</b>	<b>Frequency of meeting</b>	<b>Members of the Board</b>
1	Syndicate	Once a month	<b><u>Syndicate</u></b>
2	Senate	Once in four month	<b><u>Senate</u></b>
3	Academic Council	Once in four month	<b><u>Academic Council</u></b>
4	Board of Studies	Once in four month	<b><u>Board Of Studies- Engineering</u></b>
5	School Council	Once a month	All regular Faculty

## ORGANISATIONAL CHART AND PROCESSES



DEPARTMENTS								
CIVIL ENGG	COMPUTER SCIENCE & ENGG	ELECTRONICS & COMMUNICATION ENGG.	ELECTRICAL & ELECTRONICS ENGG	INFORMATION TECHNOLOGY	MECHANICAL ENGG	SAFETY & FIRE ENGG	CHEMICAL ENGG	APPLIED SCIENCE & HUMANITIES

- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements**

Role of a faculty -

- Coordinator –Class Coordinator
- Mentor - One faculty for every 25 students
- Delivering lectures, remedial classes, supervising research, innovation, entrepreneurship and incubation (start-ups), capstone projects, dissertations etc.
- Acting as members of various academic and administrative bodies
- Coordinating the activities of various students clubs, co-curricular and extra- curricular activities

Role of students –

- Members of class committees.
- Student members of Syndicate, Senate, Academic Council.

- **Mechanism/ Norms and Procedure for democratic/ good Governance**

Policy and other important decisions are taken by various bodies like the Syndicate, Senate , School Council

- **Student Feedback on Institutional Governance/ Faculty performance**

Faculty performance-Collecting feedback from the students at the end of every semester : Available

- **Grievance Redressal mechanism for Faculty, staff and students**

**Grievance Redressal Mechanism for faculty and staff :**

Grievance Redressal mechanism for students

Grievance cell is functioning in the Cochin University of Science and Technology in two levels to redress the complaints received from the students.

Institutional (CUSAT) Student Grievance Redressal Committee

Establishment of Grievance Redressal Committee in the Institution.

Departmental (SoE) Student Grievance Redressal Committee

- Establishment of Anti Ragging Committee

Anti-Ragging Committee

Anti-Ragging Squad

- Establishment of Anti Narcotics Committee

Anti-Narcotic Club

- Establishment of Online Grievance Redressal Mechanism: Available

Online Students' Grievance Redressal Portal

- Establishment of Internal Complaint Committee (ICC)

In accordance with the UGC(Prevention, Prohibition and redressal of sexual harassment women Employees and students in Higher Educational Institutions) regulation, 2015 was implemented in the university vide

Internal Complaints Committee

- Establishment of Committee for SC/ST

SC/ST Committee

- Internal Quality Assurance Cell
- Cochin University of Science and Technology reconstituted Internal Quality Assurance Cell (IQAC)

IQAC- SOE

## 6. Programmes

- Name of Programmes approved by AICTE

Programme Name	Year of commencement	Sanctioned Intake	Lateral entry intake
<b>Full Time B. Tech Programmes (4 year programmes)</b>			
Civil Engineering	1995	90	9
Computer Science and Engineering	1995	90	9
Electronics and Communication Engineering	1995	90	9
Electrical & Electronics Engineering	2003	60	6
Information Technology	1995	90	9
Mechanical Engineering	1995	90	9
Safety & Fire Engineering	1996	60	6

<b>Full Time M Tech Programmes (2 year Programmes)</b>			
Programme Name	Year of commencement	Sanctioned Intake	Remarks
Mechanical Engineering (Specialization in Thermal Engineering)	2012	18	-
Civil Engineering (Specialization in Geotechnical Engineering)	2012	18	
Civil Engineering (Specialization in Structural Engineering)	2021	18	
Electronics and Communication Engineering (Specialization in Wireless Technology)	2013	18	
Industrial Safety (Specialization in Health, Safety And Environment Management)	2016	18	

Computer Science and Engineering(Specialization Cyber Security)	2023	18	
Information Technology	2023	18	
<b>Part Time M. Tech Programmes</b>			
Chemical Engineering (Process Engineering)	1978	13	-
Civil Engineering (Construction Engineering and Management)	1978	13	-
Electrical Engineering (Power Electronics)	1978	15	-
Mechanical Engineering (Production Engineering)	1978	18	-

• **Name of Programmes Accredited by NBA**

1. B.TECH. CIVIL ENGINEERING
2. B.TECH.COMPUTER SCIENCE AND ENGINEERING
3. B.TECH.ELECTRICAL AND ELECTRONICS ENGINEERING
4. B.TECH.ELECTRONICS AND COMMUNICATIONS ENGINEERING
5. B.TECH.INFORMATION TECHNOLOGY
6. B.TECH.MECHANICAL ENGINEERING
7. B.TECH.SAFETY AND FIRE ENGINEERING

• **Status of Accreditation of the Courses**

<b>NBA Status of Under Graduate B.Tech Programmes</b>						
Sl. No	Programme Name	Year of starting	Intake capacity	Status of NBA Accreditation (Accredited/ Not Accredited/ Applied)	Type of Accreditation (New/ Renewal-if the status is applied or accredited)	Accreditation upto (if accredited)
1	CIVIL ENGINEERING	1995	90	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025
2	COMPUTER SCIENCE AND ENGINEERING	1995	90	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025
3	ELECTRICAL & ELECTRONICS ENGINEERING	2003	60	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025
4	ELECTRONICS & COMMUNICATION ENGINEERING	1995	90	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025
5	INFORMATION TECHNOLOGY	1995	90	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025

6	MECHANICAL ENGINEERING	1995	90	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025
7	SAFETY & FIRE ENGINEERING	1996	60	ACCREDITED	RE-ACCREDITED UNDER TIER-I CATEGORY	30.06.2025

#### NBA Status of Post Graduate MTech Programmes

Sl. No	Programme Name	Year of starting	Intake capacity	Status of NBA Accreditation (Accredited/ Not Accredited/ Applied/ Waiting for Expert visit)	Type of Accreditation (New/ Renewal-if the status is applied or accredited)	Accreditation upto (if accredited)
1	MECHANICAL ENGINEERING (SPECIALIZATION IN THERMAL ENGINEERING)	2012	18	WAITING FOR THE EXPERT VISIT	Submitted SAR on 24th February 2020. (Application no. 4013-29_08_2019)	
2	CIVIL ENGINEERING (SPECIALIZATION IN GEOTECHNICAL ENGINEERING)	2012	18	WAITING FOR THE VISIT	Submitted SAR on 24th February 2020. (Application no. 4013-29_08_2019)	.....
3	Electronics and Communication Engineering (Specialization in Wireless Technology)	2013	18	APPLIED FOR WITHDRAWAL	Submitted SAR on 24th February 2020. (Application no. 4013-29_08_2019)	.....
4	Industrial Safety (Specialization in Health, Safety and Environment Management)	2016	18	WAITING FOR THE VISIT	Submitted SAR on 24th February 2020. (Application no. 4013-29_08_2019)	.....
	Civil Engineering (Specialization in Structural Engineering)	2021	18	N.A		
	Information Technology (Specialization in Business Analytics and Intelligence)	2023	18	N.A		
	Computer Science and Engineering (Specialization Cyber Security)	2023	18	N.A		

Total number of programmes	Number of programmes accredited by NBA	Number of programmes applied for accreditation	Number of programmes Not applicable for NBA Accreditation
14	7	4	3

- For each Programme the following details are to be given(Preferably in Tabular form):
- Name
- Number of seats
- Duration
- Cut off marks/rank of admission during the last three years
- Fee (as approved by the state government)

Sl. No	Name of the Programme	Approved intake	Duration (Years)	<u>Cut off marks</u>	<u>Fee</u>
1	B.Tech. Civil Engineering	90	4	10 Each for PCM in Common Admission Test of CUSAT	
2	B.Tech.Computer Science and Engineering	90	4	10 Each for PCM in Common Admission Test of CUSAT	
3	B.Tech.Electronics and Communication Engineering	90	4	10 Each for PCM in Common Admission Test of CUSAT	
4	B.Tech.Electrical & Electronics Engineering	60	4	10 Each for PCM in Common Admission Test of CUSAT	
5	B.Tech.Information Technology	90	4	10 Each for PCM in Common Admission Test of CUSAT	
6	B.Tech.Mechanical Engineering	90	4	10 Each for PCM in Common Admission Test of CUSAT	
7	B.Tech.Safety & Fire Engineering	60	4	10 Each for PCM in Common Admission Test of CUSAT	
8	M.Tech. Mechanical Engineering (Specialization in Thermal Engineering)	18	2	Valid GATE score or 50% marks in Department Admission Test	
9	M.Tech. Civil Engineering (Specialization in Geotechnical Engineering)	18	2	Valid GATE score or 50% marks in Department Admission Test	
10	M.Tech. Civil Engineering (Specialization in Structural Engineering)	18	2	Valid GATE score or 50% marks in Department Admission Test	
11	M.Tech. Electronics and Communication Engineering (Specialization in Wireless	18	2	Valid GATE score or 50% marks in Department Admission	



	Technology)			Test	
13	M.Tech. Information Technology	18	2	Valid GATE score or 50% marks in Department Admission Test	
14	M.Tech. Industrial Safety (Specialization in Health, Safety and Environment Management)	18	2	Valid GATE score or 50% marks in Department Admission Test	
15	M.Tech. Computer Science and Engineering(Specialization Cyber Security)	18	2	Valid GATE score or 50% marks in Department Admission Test	

Rank of admission during the last three years

- **Placement Facilities**

Placement Cell caters for enhancing not only the employability skills of the passing out CUSATians but also the overall development of their personality. PC organizes on campus and off campus recruitments and pre-placement training programmes in Aptitude test, Group Discussions, Interviews and Presentation skills in collaboration with TEQIP and core departments. Mock Interviews and GDs are conducted on a regular basis so as to equip final and pre-final students to face the challenges of the recruitment scenario. Close on the heels of placement drives, the Placement Assistance Cell makes an evaluation of the performance of our students. This objective appraisal enables us to identify strengths and weakness of the candidates and select the strategies for improvement. Besides, there are intensive supportive measure for the rejected candidates. The Placement cell in School of Engineering is very active with the participant of Student representative as well from the guidance of the placement officer Dr. Jacob Elias. The School has nearly 70% placement for its final year students. Nearly 50 to 70 companies are visiting the campus for placement activities.

For further details : Placement Facilities

- Campus placement in last three years with minimum salary ,maximum salary and average salary
- 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: NIL

## 7. Faculty

- Course/Branch wise list Faculty members:

Sl. No	Name of the Division	Faculty members
1	CIVIL ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ce">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ce</a>
2	COMPUTER SCIENCE AND ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=cs">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=cs</a>
3	ELECTRICAL & ELECTRONICS ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ee">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ee</a>
4	ELECTRONICS & COMMUNICATION ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ec">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=ec</a>

5	INFORMATION TECHNOLOGY	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=it">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=it</a>
6	MECHANICAL ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=me">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=me</a>
7	SAFETY & FIRE ENGINEERING	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=sf">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=sf</a>
8	APPLIED SCIENCE AND HUMNITIES	<a href="https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=hm">https://soe.cusat.ac.in/pages/division/people/faculty1.php?div=hm</a>

## 8. Profile of Vice Chancellor/ Director/ Principal/Faculty

### Vice-Chancellor

### Principal

### Faculty-Civil Engineering

### Faculty-Computer Science & Engineering

### Faculty- Electronics & Communication Engineering

### Faculty- Electrical & Electronics Engineering

### Faculty- Information Technology

### Faculty - Mechanical Engineering

### Faculty- Safety & Fire Engineering

### Faculty - Applied Science & Humanities

## 9. Fee

- Details of Fee, as approved by State Fee Committee, for the Institution
- Time schedule for payment of Fee for the entire Programme
- No. of Fee waivers granted with amount and name of students : NA
- Number of scholarship offered by the Institution, duration and amount : NA
- Criteria for Fee waivers/scholarship : NA
- Estimated cost of Boarding and Lodging in Hostels :
- Any other fee please specify

## 10. Admission

- Number of seats sanctioned with the year of approval

11. Programme Name	Year of commencement	Sanctioned Intake	Lateral entry intake
<b>Full Time B. Tech Programmes (4 year programmes)</b>			
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Electronics and Communication Engineering	1995	90	9
Electrical & Electronics Engineering	2003	60	6
Information Technology	1995	90	9

Mechanical Engineering	1995	90	9
Safety & Fire Engineering	1996	60	6

<b>Full Time M Tech Programmes (2 year Programmes)</b>			
<b>Programme Name</b>	<b>Year of commencement</b>	<b>Sanctioned Intake</b>	<b>Remarks</b>
Mechanical Engineering (Specialization in Thermal Engineering)	2012	18	-
Civil Engineering (Specialization in Geotechnical Engineering)	2012	18	
Civil Engineering (Specialization in Structural Engineering)	2021	18	
Electronics and Communication Engineering (Specialization in Wireless Technology)	2013	18	
Industrial Safety (Specialization in Health, Safety and Environment Management)	2016	18	
Information Technology (Specialisation in Business Analytics and Intelligence)	2023	18	
Computer Science and Engineering(Specialization in Cyber Security)	2023	18	
<b>Part Time M. Tech Programmes</b>			
Chemical Engineering (Process Engineering)	1978	13	-
Civil Engineering (Construction Engineering and Management)	1978	13	-
Electrical Engineering (Power Electronics)	1978	15	-
Mechanical Engineering (Production Engineering)	1978	18	-

- Number of Students admitted under various categories each year in the last three years

Student data for last three years

- Number of applications received during last two years for admission under Management Quota and number admitted- **N.A**

## **12. Admission Procedure**

**Cochin University of Science and Technology follows the “Common Admission Test (CAT)” scheduled every year and is conducted in various centers of the country.**

### **CUSAT ADMISSIONS**

- Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website) - <https://admissions.cusat.ac.in/>
- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)

## **13. Criteria and Weightages for Admission**

14. Results of Admission Under Management seats/Vacant seats

NOT APPLICABLE

15. Information of Infrastructure and Other Resources Available

Sl.No.	Infrastructure	Number of Rooms	Size of each
1	Class Room	44	<u>List attached</u>
2	Tutorial Room	1	<u>List attached</u>
3	Laboratories	55	<u>List attached</u>
4	Drawing Halls	2	<u>List attached</u>

- Number of Class Rooms and size of each
- Number of Tutorial rooms and size of each
- Number of Laboratories and size of each
- Number of Drawing Halls with capacity of each
- Number of Computer Centres with capacity of each : 550
- Central Examination Facility, Number of rooms and capacity of each : NA
- Online examination facility (Number of Nodes, Internet bandwidth, etc.) :
- Barrier Free Built Environment for disabled and elderly persons :
- Occupancy Certificate
- Fire and Safety Certificate
- Hostel Facilities

• **Library**

**SOE-Library**

**CUSAT- Library**

- Number of Library books/ Titles/ Journals available(Programme-wise):
- List of online National/ International Journals subscribed:
- E- Library facilities:
- National Digital Library(NDL) subscription details
- **Laboratory and Workshop**
- List of Major Equipment/Facilities in each Laboratory/Workshop
- List of Experimental Setup in each Laboratory/Workshop
- **Computing Facilities**
- Internet Bandwidth: 150 mpbs
- Number and configuration of System:
- Total number of system connected by LAN
- Total number of system connected by WAN
- Major software packages available
- Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)

- Facilities for conduct of classes/courses in online mode (Theory & Practical)
- Innovation Cell
- Social Media Cell
- Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments
- **List of facilities available**
  - Games and Sports Facilities: [https://dpe.cusat.ac.in/dpe\\_contact.php](https://dpe.cusat.ac.in/dpe_contact.php) ,
  - Extra-Curricular Activities : <https://welfarecusat.in/>
  - Soft Skill Development Facilities :
- **Teaching Learning Process**
  - Curricula and syllabus for each of the Programmes as approved by the University  
SOE- B.Tech & M.Tech Syllabus
  - Academic Calendar of the University
  - Academic Time Table with the name of the Faculty members handling the Course
  - Teaching Load of each Faculty
  - Internal Continuous Evaluation System and place:
  - Student's assessment of Faculty, System in place
  - **For each Post Graduate Courses give the following:**
    - Title of the Course
    - Curricula and Syllabi
    - Laboratory facilities exclusive to the Post Graduate Course
  - **Special Purpose**
    - Software, all design tools in case
    - Academic Calendar and framework

**16. Enrolment and placement details of students in the last 3years**

**Enrolment For 3 Years**

**Placement Data For 3 Years**

**17. List of Research Projects/ Consultancy Works**

- Number of Projects carried out, funding agency, Grant received
- Publications (if any) out of research in last three years out of masters projects
- **Industry Linkage**
- **MoUs with Industries (minimum3(10))**

**18. LoA and subsequent EoA till the current Academic Year**

**19. Accounted audited statement for the last three years**

**20. Best Practices adopted, if any**

**Note:** Suppression and/or misrepresentation of information shall invite appropriate penal action. The Website shall be dynamically updated with regard to Mandatory Disclosures

**Important Instructions:**

- Avoid putting personal information in public domain.
- The mandatory disclosure should be available freely to view/download to the public without any restrictions.

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- LoA/EoA letters (since inception) should form part of the mandatory disclosure and complete mandatory disclosure document should be converted into a single PDF file and the URL (web-link) to be entered in the AICTE portal (under attachments tab).