

**SCHOOL OF ENGINEERING**  
Cochin University of Science and Technology  
Kochi-22



Name :  
Roll No :  
Semester :  
Branch :

**ACADEMIC DIARY 2019-2020**

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## IMPORTANT WEBSITES

Official Website	: <a href="http://www.cusat.ac.in">www.cusat.ac.in</a> : <a href="http://www.soe.cusat.ac.in">www.soe.cusat.ac.in</a>
Scheme & Syllabus Old Question Papers	: <a href="http://www.dspace.cusat.ac.in">www.dspace.cusat.ac.in</a>
Admission, Fee Details	: <a href="http://www.iraacusat.ac.in">www.iraacusat.ac.in</a> : <a href="http://www.cusat.nic.in">www.cusat.nic.in</a>
University Library	: <a href="http://library.cusat.ac.in">library.cusat.ac.in</a>
SoE Library	: <a href="http://soe.cusat.ac.in">soe.cusat.ac.in</a>
IRAA	: <a href="http://www.iraacusat.ac.in">www.iraacusat.ac.in</a>
Examination	: <a href="http://exam.cusat.ac.in">exam.cusat.ac.in</a>
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PTA Site	: <a href="http://soe.cusat.ac.in/PTA/">soe.cusat.ac.in/PTA/</a>

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# I COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

## 1 Vision

The University's basic philosophy and goals find eloquent expression in its Coat of Arms emblazoning the motto "Tejaswinavadhitamastu", which in essence means "may learning illumine us both" (the teacher and the taught).

## 2 Mission

The University shall have the following objectives as its mission:

- (i) to prosecute and promote research in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and for the betterment of society;
- (ii) to provide facilities and offer opportunities for graduate and post-graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development and extension and by such other means as the University may deem fit;
- (iii) to devise and implement programmes of education in applied science, technology, industry, commerce, management and social science that are relevant to the changing needs of society, in terms of breadth of diversity and depth of specialization;
- (iv) to serve as a center for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other;
- (v) to organise exchange programmes with other institutions of repute in India and abroad with a view to keeping abreast of the latest developments in relevant areas of teaching and research.

### 3 Evolution

Established in 1971 and named as University of Cochin, it was the symbol of commitment from the Government of Kerala towards the new scientific policy resolution adopted by the Central Government on 4<sup>th</sup> March 1958. The birth of the new University was with the specific purpose of “development of higher education with particular emphasis on post-graduate studies and research in applied science, technology, industry and commerce”.

The University of Cochin was later reorganized as Cochin University of Science and Technology (CUSAT) in February 1986. Specialisations are available in all Faculties/Departments for higher studies and research. By giving recognition to several well-established premier research institutions in the country and the Southern Naval Command of Indian Navy, the University has brought within its reach the resources available in these institutions also to the use of our academic community.

### 4 Present

CUSAT is academically structured into 9 Faculties and has 29 departments of study and research, offering graduate and Post Graduate programmes in frontier areas of engineering, science, technology, humanity, law and management.

During the last three decades of its existence, CUSAT has registered steady growth and has earned recognition as one of the highly reputed and internationally acclaimed Indian universities. The university has academic links and exchange programmes with several institutions across the globe.

The emergence of CUSAT as a single Indian University to be chosen for long term financial assistance by the Government of Netherlands under the MHO program eloquently testifies to its proud record of academic achievements and strengths.

Driven by its passion to venture beyond the beaten track, CUSAT has identified select institutions of eminence as ‘Partners in Progress’. Also it has accorded the status of “Recognised Institution” to a host of professional institutions, national laboratories and research organisations of repute in the state which has catalysed the spread of quality education and paved the way for healthy interaction between academicians and scientists.

## 5 Statutory Officers

Vice-Chancellor	:	Prof. (Dr.) K.N Madhusoodanan
Pro-Vice-Chancellor	:	Prof. (Dr.) P. G. Sankaran
Registrar	:	Prof. (Dr.) K. Ajitha
Finance Officer	:	Sri. Sudheer M S
Controller of Examinations	:	Prof. (Dr.) Sunil K. Narayanankutty

## 6 Statutory Bodies

- (i) The Syndicate is the chief executive body of the University comprising of seventeen members and presided over by the Vice-Chancellor. It has powers for general superintendence and control over all its institutions. The syndicate normally meets once a month.
- (ii) The Senate, comprising of eighty members, under chairmanship of Vice-Chancellor, reviews 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.
- (iii) The Academic Council is the principal academic body of the University and has powers to co-ordinate and exercise general supervision over the academic programmes and policies of the university. It is also responsible for the maintenance of standards of instruction, research, education and examination within the University. IT comprises one hundred and twelve members and is presided over by the Vice-Chancellor. The Academic Council normally meets once in four months.
- (iv) Other Statutory Bodies include the Faculties, Board of Studies, Departmental Councils, Planning Committee, Finance Committee, Staff Council and the University Appellate Tribunal.

The faculty members of School of Engineering hold various posts in Statutory bodies.

## II SCHOOL OF ENGINEERING (SOE)

School of Engineering (SoE) functions through its Civil, Mechanical, Electrical, Electronics, Computer Science, Safety & Fire, Information Technology, Chemical Engineering and Applied Sciences and Humanities divisions.

All seven B.Tech programmes of School of Engineering were accredited by National Board of Accreditation (NBA) under Tier I category, and four programmes have been re-accredited till 2021-22. The University is accredited with A grade by NAAC.

School of Engineering has been well accepted as a research center and a major consultancy center. A number of research projects have been sanctioned to the School by agencies like DST, ISRO, AICTE, UGC, Coir Board etc. Having more than 3000 students, School of Engineering is the largest academic constituent of the University.

The School offers part-time B.Tech and M.Tech degree courses in various disciplines in Engineering. Doctoral Programme is offered under all divisions.

### 1 Vision

To become, an engineering educational institution of international standing by striving continuously in pursuit of excellence in education, research, entrepreneurship and technology related services to the society.

### 2 Mission

- (i) To provide high quality education in major engineering disciplines from undergraduate through doctoral levels through a creative balance of academic, professional, and extracurricular programmes.
- (ii) To foster and maintain mutually beneficial partnerships with alumni, industry, state and central governments through public services assistance and collaborative research.
- (iii) To be a major contributor to global technology base through scholarship and research.

### 3 Evolution

School of Engineering (SoE) was established in 1979 as School of Technology for offering Part-time M.Tech. in Civil, Mechanical, Electrical and Chemical Engineering. Research activities were started from 1981 with Ph.D. Programme in Civil Engineering.

This School introduced B.Tech Programme in the 5 major disciplines viz Civil, Mechanical, Electronics, Computer Science and Information Technology in 1995 which played a significant role in the development of the School. Considering the increased demand of student community, the School introduced B.Tech in Safety & Fire Engineering in 1996, Marine Engineering in 2001 and Electrical & Electronics Engineering in 2003.

The Division of Marine Engineering became an independent Department in June 2007. M.Tech (Full-time) Courses were started in Civil Engineering and Mechanical Engineering branches in 2012, Electronics & Communication Engineering and Information Technology in 2013, Safety & Fire Engineering and Computer Science & Engineering in 2014.

B.Tech (Part-time) degree courses in Mechanical Engineering, Civil Engineering and Chemical Engineering commenced in the year 2017.

### 4 Courses of Study

<b>UG Courses ( B.Tech )</b>			
Sl No	Course & Discipline	Intake	Lateral Entry
<b>B.Tech Full Time</b>			
1.	Civil Engineering	90	09
2.	Computer Science & Engineering	90	09
3.	Electrical & Electronics Engineering	60	06
4.	Electronics & Communication Engineering	90	09
5.	Information Technology	90	09
6.	Mechanical Engineering	90	09
7.	Safety & Fire Engineering	60	06
<b>B.Tech Part Time</b>			
8.	Civil Engineering	30	

9.	Mechanical Engineering	30
10.	Chemical Engineering	30
<b>PG Courses ( M.Tech )</b>		
Sl No	Course & Discipline	Intake
<b>M.Tech Full Time</b>		
1.	Civil Engineering (Geo-technical Engineering)	18
2.	Industrial Safety (HSE Management)	18
3.	Computer Science & Engineering (Network Comput- ing)	18
4.	Electronics & Communication Engineering (Wireless Technol- ogy)	18
5.	Mechanical Engineering (Thermal Engineering)	18
6.	Information Technology (Software Systems)	18
7.	Electronics & Communication Engineering ( Electronics Design & Technology)	18
<b>M.Tech Part Time</b>		
8.	Civil Engineering (Construction Engineering & Management)	20
9.	Chemical Engineering (Process Engineering)	20
10.	Electrical Engineering (Power Electronics)	20
12.	Mechanical Engineering (Production Engineering)	20
<b>PhD Programs</b>		
All major engineering pro- grammes		

## 5 Curricular and Co-Curricular Activities

School of Engineering is having the following curricular and co-curricular activities with coordinators as given below.

Sl No	Club	Coordinator	Division
1.	Startup Cell	Mr. Unni A M	ECE
2.	Internship	Dr. Binsu C Kovoov	IT
3.	Nature Club	Dr. David Peter S.	CS
4.	Science Club	Dr. Rekha K James	ECE
5.	Sports and Arts Club	Ms. Sheena K M	EEE
6.	NSS Coordinator	Mr. Unni A M	EC
	Program Officers	Dr. Dhannia T	AS
		Dr. Renumol V G	IT
7.	Tech Fest	Dr. Gireeshkumaran Thampi B S	ME
8.	Soft skill development	Dr. Latha P G	EEE
9.	Photography	Dr. Sudheep Elayidom	CS
10.	Music Club	Dr. Sudheep Elayidom	CS

School of Engineering promotes the extra curricular activities of students, which allows personality development in students in various dimensions. A Technical Fest, at a national level for all branches, allows students to present technical papers, and apprise their knowledge with the recent technological advancements.

# III B.TECH REGULATIONS

With effect from 2019 Admissions

The following regulations are made applicable to all the B Tech. programmes offered by the University under Faculty of Engineering except Marine Engineering with effect from the academic year 2019-20.

## 1 B.Tech Programme

The duration of the B Tech. programme shall be eight semesters spanning over four academic years. Each semester shall consist of 15 weeks.

### 1.1 Branch

- a) Civil Engineering
- b) Computer Science and Engineering
- c) Electrical and Electronics Engineering
- d) Electronics and Communication Engineering
- e) Information Technology
- f) Mechanical Engineering
- g) Safety and Fire Engineering

### 1.2 Structure of the B. Tech. programme

1.2.1 The programme of instruction will consist of the following

- (i) General (common) core courses comprising basic sciences, mathematics, and basic engineering.
- (ii) Engineering core courses introducing the student to the foundations of engineering in the respective branch.
- (iii) Elective courses enabling the student to opt and undergo a set of courses of interest to him/ her.
- (iv) Professional practice including project, seminar, and industrial training

(v) a) Humanities courses on soft skills.

1.2.2 Every branch of the B. Tech. programme will have a curriculum and syllabus for the courses approved by the Academic Council.

1.2.3 The B.Tech programmes offered by the University Departments / Schools / Cochin University College of Engineering, Kuttanad shall follow the credit system.

1.2.4 The curriculum of any branch of the B Tech. programme shall have a total of 160 credits as minimum.

### **1.3 Course Registration**

It is mandatory for the students to register for the courses in each semester.

Before registration, the students should

- a) Clear all dues including any fees to be paid and should not have any disciplinary issues pending.
- b) Meet the requirements regarding the minimum number of credits for promotion stipulated in clause 1.10.

The dates for registration will be announced by the School / College in their academic calendar. Late registration will be allowed up to 7 working days from the commencement of the semester with late registration fee.

### **1.4 Mode of Evaluation**

1.4.1 The performance of the students in theory courses will be evaluated based on continuous assessment and semester end examination. In the case of laboratory courses, the evaluation will be based on continuous assessment and semester end assessment which will be carried out internally.

1.4.2 For theory courses, there will be 40% weightage for internal assessment and 60% weightage for semester end examination. For practical courses, continuous assessment and semester end assessment will carry 50% weightage each.

1.4.3 For theory courses, the assessment pattern will be as follows:

1. Continuous assessment:

- |    |                    |            |      |
|----|--------------------|------------|------|
| a) | I Periodical Test  | Max marks: | 12.5 |
| b) | II Periodical Test | Max marks: | 12.5 |
| c) | Assignments        | Max marks: | 10   |
| d) | Attendance         | Max marks: | 5    |

2. End Semester Examination.

- i. Exam shall be shall be of 3 hours duration.
- ii. End semester examinations will have questions for 72 marks for every student to attempt and answer.
- iii. The maximum marks awarded will be limited to 60 marks.

1.4.4 For each practical course, the assessment pattern will be as follows:

1. Continuous assessment : 25 marks For continuous assessment, the marks may be awarded on the basis of the performance of the student in the laboratory sessions. The break-up of marks for continuous assessment of laboratory courses shall be:

- |    |                             |            |    |
|----|-----------------------------|------------|----|
| a) | Practical records / Outputs | Max marks: | 10 |
| b) | Lab-work                    | Max marks: | 10 |
| c) | Attendance                  | Max marks: | 5  |

2. The end semester assessment will consist of an examination and a viva voce.

Maximum marks for semester end examination: 25

1.4.5 At the end of the semester, semester examination will be conducted in all the theory courses offered in the semester and they will be of three hours duration unless otherwise specified. The Controller of Examinations will make necessary arrangements for setting the question papers and valuation of answer books for the semester end examination of theory courses.

1.4.6 The semester end assessment for the laboratory courses shall be conducted internally by the respective department / division with at least two faculty members as examiners. One of the examiners for conducting the semester end laboratory

examination shall be at the level of Associate Professor or above in the regular cadre.

1.4.7 In the case of project work, the project guide concerned shall make the continuous assessment. A committee consisting of the Project Coordinator (nominated by the Head of the Department / Division), project guide, and at least one senior faculty member at the level of Associate Professor or above will carry out the final review.

The weightages for the reviews shall be as follows:

a)	Continuous assessment	40 %
b)	Project Report	20 %
c)	Final review	40 %

1.4.8 The Viva-voce examination at the end of VIII semester will be conducted by a panel of three examiners consisting of the Head of the Department/Division or his/her nominee and one senior faculty at the level of Associate Professor or above of the Department/Division and preferably, one external expert.

1.4.9 A candidate shall not be allowed to improve the continuous assessment marks in theory/laboratory courses. A candidate who desires to improve his/her marks in the semester end examination in theory courses shall be permitted to do so in the next available chance. This facility will be available only once for a theory course.

## 1.5 Course completion and earning of credits

Students registered for a course have to attend the course regularly and meet the attendance rules of the University and appear for all the internal evaluation procedures for the completion of the course. However, credits can be earned only on completion of the semester end examination and on getting a pass grade. Students, who have completed a course, but could not write the semester end examination for valid reasons, are permitted to write the examination at the next available chance and earn the credits without undergoing the course again.

## **1.6 Eligibility to appear for the End Semester Examination**

1.6.1 A candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for the completion of a semester.

A student shall secure not less than 75% of overall attendance in a semester taking into account the total number of periods in all courses attended by the candidate as against the total number of periods in all courses offered during that particular semester

1.6.2 The Principal/Head of the School/College shall have the power to condone shortage of attendance up to 5% (between less than 75% and 70%) in a particular semester due to medical reasons (hospitalization/accident/specific illness) duly verified and recommended by the Head of the Division/Department and on production of medical certificate from a registered medical practitioner endorsed by the University Medical Officer and on payment of the required fee. However, such condonation for shortage of attendance shall be given only twice during the entire duration of the B Tech. programme.

1.6.3 The Vice Chancellor shall have the power to condone shortage of attendance up to additional 5% (between less than 70% and 65%) in a particular semester due to medical reasons (hospitalization/accident/specific illness) duly verified and recommended by the Principal/Head of the School/College and on production of Medical certificate from a registered medical practitioner endorsed by the University Medical Officer and on payment of the required fee. However, such condonation for shortage of attendance shall be given only twice during the entire duration of the B Tech. programme.

1.6.4 **Candidates who secure overall attendance of less than 65% (subject to clauses 1.6.2 and 1.6.3 above) will not be permitted to write the semester end examinations and will not be permitted to go to next/subsequent semester. They are required to repeat the incomplete semester in the next academic year.**

## **1.7 Eligibility to write the Supplementary examination**

Failed candidates and those who could not write the semester end examination due to health reasons or other contingencies that are approved by the Head of the School/College can register for the supplementary examination. Those who wish to improve their performance in the semester end examinations can also register for the same, subject to the provisions of clause 1.4.9. Grades awarded in the supplementary examination will be taken as semester grades in these subjects and will be based on the semester examination grading pattern in that subject. In the case of candidates appearing for improvement of marks, the higher mark obtained will be considered for the purpose of grading.

A candidate who fails to obtain a pass in courses having only continuous assessment will be permitted to repeat the course along with the junior batches.

## **1.8 Revaluation**

A candidate can apply for revaluation of his/her semester end examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee along with prescribed application to the Controller of Examinations through the Head of Department/School/College. The Controller of Examination will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Department/School/College. Revaluation is not permitted for laboratory courses, courses having only continuous assessment, seminar and project work.

## **1.9 Pass requirements**

A candidate has to obtain a minimum of 50% marks for continuous assessment and semester end examination put together with a minimum of 40% marks in the semester end examination for a pass in theory and laboratory courses. In the case of theory/laboratory courses having only continuous assessment, a candidate has to obtain a minimum of 50% marks in continuous assessment for a pass.

## 1.10 Promotion to Higher Semesters

A student will be given at least one regular chance and one supplementary chance for the semester end examination of a particular semester in both theory and practical courses to obtain a pass grade before he/she is assessed for promotion to higher semesters.

Promotion to III, V and VII semesters shall be subject to the following conditions:

Promotion to	Minimum number of credits to be earned
III Semester	10 out of 20 credits of Semester I
V Semester	30 out of 60 credits of Semesters I, II, & III
VII Semester	50 out of 100 credits of Semesters I to V

## 1.11 Grading

1.11.1 Grades shall be awarded to the students in each course based on the total marks obtained in continuous assessment and at the end semester examination and as per the provisions of clause 1.4.1.

The grading pattern shall be as follows:

Marks obtained (Percentage) to	Grade	Grade points
90 - 100	S	10
80 - 90	A	9.0
70 - 80	B	8.0
60 - 70	C	7.0
50 - 60	D	6.0
< 50	F	0

Note: Where X – Y range denotes ‘X’ inclusive and ‘Y’ exclusive

1.11.2 A student is considered to have credited a course or earned credits in respect of a course if he/she secures a grade other than F for that course.

1.11.3 Grade Point Average

The academic performance of a student in a semester is

indicated by the Grade Point Average (GPA).

$$GPA = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

where ‘G’ refers to the grade point and ‘C’ refers to the credit value of corresponding course undergone by the student.

The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

#### 1.11.4 Grade Card

The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- a) Ta) The code, title, number of credits of each course registered in the semester,
- b) The letter grade obtained
- c) The total number of credits earned by the student upto the end of that semester and
- d) GPA & CGPA.

#### 1.11.5 Classification

On successful completion of the programme, CGPA will be calculated as follows:

$$CGPA = \frac{C_1GP_1 + C_2GP_2 + C_3GP_3 + \dots + C_nGP_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘GP’ refers to the grade point average (GPA) and ‘C’ refers to the total number of credits obtained by a student in a particular semester.

The classification based on CGPA is as follows:

CGPA	Classification
CGPA 8 and above	First Class with distinction
CGPA Between 6.5 and 8 but less than 8	First Class
CGPA Between 6 and 6.5 but less than 6.5	Second Class

#### 1.11.6 Conversion of CGPA into Percentage

The following formula shall be used to convert the GPA/CGPA obtained by a student to percentage marks.

$$\text{Percentage} = (\text{GPA}/\text{CGPA} - 0.5) * 10$$

### 1.12 Electives

The curriculum for each programme consists of four Professional Electives and two Open Electives. The students shall select one Open Elective from among the courses offered in that particular semester by a Division/Department other than his/her Division/Department.

### 1.13 Faculty Advisor

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department will attach a certain number of students to a teacher of the Department who shall function as Faculty Advisor for these students throughout their period of study. Such Faculty Advisor shall advise the students and monitor the courses taken by the students, check the attendance and progress of the students attached to him/her and counsel them periodically. If necessary, the Faculty Advisor may also discuss with or inform the parents about the progress/performance of the students concerned.

### 1.14 Class Committee

A class committee consists of teachers of the class concerned, student representatives and a chairperson who does not handle any subject for the class. It is like the 'Quality Circle' (more commonly used in industries), with the overall goal of improving the teaching-learning process. The functions of the class committee include:

- Solving problems experienced by students in the classroom and in the laboratories in consultation with Head of the Division / principal / Director.
- Clarifying the Regulations of the degree programme and the details of rules therein.
- Informing the student representatives the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives the details of Regulations regarding weightage used for each assessment.
- Discussing in the class committee meeting the breakup of marks for each experiment / exercise / module of work, in case of practical course (laboratory / drawing / project work / seminar, etc.) and informing the students.
- Analyzing the performance of the students of the class after each test and finding ways and means of improving the performance of the students.
- Identifying the students who are low achievers or weak in their subjects if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such students.

The class committee is normally constituted by the Head of the Division. However, if the students of different branches are mixed in each class the class committee is to be constituted by the Principal/Director. The class committee shall be constituted within a week from the date of commencement of a semester. At least 4 student representatives from the respective class (usually 2 boys and 2 girls) shall be included in the class committee. The student representatives shall be nominated on the basis of their academic performance since the first semester of the B Tech. programme. In the case of first and second semesters, the rank obtained in the Common Admission Test (CAT) shall be the criterion for nominating the student representatives. The Chairperson of the class committee may invite the Faculty Advisor(s) and the Head of the Division to the meeting of the class committee. The Chairperson of the class committee is required to prepare the minutes of every

meeting, submit the same to the Head of the Division within two days of the meeting and arrange to circulate the same among students concerned and teachers. If there are some points in the minutes requiring action by the University, the same shall be brought to the attention of the Principal/Director and the Registrar.

The first meeting of the class committee shall be held within fifteen days from the date of commencement of the semester. The nature and weightage of internal assessments shall be decided in the first meeting, within the framework of the regulations and the same shall be communicated to the students. Two or three subsequent meetings in a semester may be held at suitable intervals. During these meetings the student members representing the entire class, shall meaningfully interact and express their opinions and suggestions of the class to improve the effectiveness of the teaching-learning process.

### **1.15 Course committee for common courses**

Each common theory course offered to more than one discipline or group of disciplines shall have a “Common Course Committee” comprising all the teachers teaching the common course with one of them nominated as Common Course Coordinator. The nomination of the Course Coordinator shall be made by the Principal/Director in consultation with Heads of Divisions from among the teachers teaching the common courses. The “Common Course Committee” shall meet as often as possible and ensure uniform evaluation of internal assessments after arriving at a common scheme of evaluation for the tests. Wherever feasible, the common course committee shall prepare a common question paper for the test(s).

### **1.16 Discipline**

Every student is required to observe discipline and decorous behavior both inside and outside the campus and refrain from any activity which may tarnish the image of the University as per the provisions of the Cochin University Students’ (Conduct and Disciplinary) Code - 2005. Any act of indiscipline, misbehavior including unfair practice in examinations will be referred to the authorities of the University that will make a detailed enquiry on the matter and decide on the course of action to be taken.

## **1.17 Amendment to Regulations**

Notwithstanding all that has been stated above, the University has the right to modify any of the above regulations from time to time.

## **IV CODE OF CONDUCT**

### **COCHIN UNIVERSITY STUDENTS (CONDUCT AND DISCIPLINARY) CODE 2005**

#### **Section 1. Preamble**

WHEREAS the Hon'ble High Court of Kerala in R.P.No.4351 2003 (Sojan Francis V., M.G. University 2003 (2) KLT 582) has directed all the Universities in Kerala to lay down appropriate rules and regulations to enforce discipline in the Campus which will be binding on all the students studying in the University.

WHEREAS the Syndicate of the University at its 480<sup>th</sup> meeting held on 18.12.2004 decided to evolve a code of conduct for the students studying in the University and to implement the Judgment of the Hon'ble High Court in R.P. No. 435/2003.

NOW THEREFORE the Syndicate do hereby pass this Code.

#### **Section 2. Title and Commencement**

This code may be called Cochin University Students (Conduct and Disciplinary) Code 2005. The Code shall deemed to have come into force from the date on which the Syndicate resolved to implement the Judgment of the Hon'ble High Court in R.P.No.435/2003.

#### **Section 3. Objectives of the Code**

Cochin University of Science and Technology affirms that the sole purpose of the University is the pursuit of truth, acquiring of new knowledge through scholarly research, teaching and overall development of students, and the dissemination of knowledge for the betterment of the world at large. The establishment and maintenance of a University community where uninterrupted dissemination of knowledge takes place and where both the teacher and the taught are illumined is invariably dependent on maintaining order and discipline that allows the pursuit of these objectives in an ambience, that is both safe and free of invidious disruption. Rules and regulations are needed to mark the contours of

this needed order. It is necessary that the University should cultivate higher values of honesty, integrity, responsibility, mutual respect for persons and property, respect for human rights among its students. For achieving this the student community should necessarily practice these values and see that the rules envisaged in this code are strictly followed so that their conduct will be in consonance with and supportive of and conducive to the University's central purpose and core values.

#### **Section 4. Applicability of the Code**

The Code shall be applicable to all the students admitted to any academic programme, activity or event conducted by the University. It is the responsibility and duty of each and every student to become acquainted with all the provisions of the Code. It is presumed that every student from the date of his/her admission to any of the academic programme/activity/ event has knowledge of this Code. All the students are required to strictly adhere to this Code as a condition of their admission to the University.

#### **Section 5. Responsibilities of the students**

It shall be the responsibility of the students:

- (i) To read, become familiar with and adhere to this Code and any amendment brought to this Code.
- (ii) To foster and maintain a vibrant academic, intellectual, cultural and social atmosphere which is consistent with the objectives of the University.
- (iii) To report any violation of this Code to the functionaries under this Code.
- (iv) To access all educational opportunities and benefits available at the University and make good use of them to prosper academically and develop scientific temper.
- (v) To respect the laws of the country, human rights and to conduct in a responsible and dignified manner at all times.
- (vi) To respect the cultural and societal values nurtured and followed by people in this State.

## Section 6. Prohibited Behaviour of the students

The students shall abstain from the following:

- (i) Any act that causes or intends to cause psychological, emotional or physical stress and harm to any person/persons.
- (ii) Any conduct that causes unauthorized removal, destruction or malicious damage of University property or property under University custody or control and also destroying, removing or maliciously damaging the property of others in University premises or at events/functions sponsored/organized by the University.
- (iii) Disorderly, lewd, indecent, obscene or offensive conduct in the premises of the University or causing any damage to property under the control of the University or at events/functions sponsored/organized by the University.
- (iv) Obstructing or disrupting the educational process by entering into a class/programme when the class is in session without the permission of the teacher in charge of the class.
- (v) Engaging in any sort of political activity inside the Campus or in any property owned/managed by the University and organizing or attending meetings other than the official ones or other than those for which prior permission of University authorities have not been obtained.
- (vi) Possessing any banners, flags, posters, pamphlets etc. other than the official ones or disfiguring the walls, doors, windows, furniture etc. with graffiti, bills, engravings etc.
- (vii) Engaging in gherao, keeping under captivity or illegally confining any official of the University.
- (viii) Possessing, using, distributing or being under the influence of alcohol, narcotics or other controlled substance in the University Campus or at any property owned/managed by the University.
- (ix) Possessing or using any weapon, explosive or anything that can cause injury/danger to the life and limb.

- (x) Rashly or negligently driving the vehicles in the University premises.
- (xi) Any other conduct which leads to the lowering of esteem of the University in public.
- (xii) Using Mobile phone during class hours/office hours in Administrative Office/Departments/Schools.
- (xiii) Disturbing the peace and tranquility of the campus.

## **Section 7. Disciplinary Sanctions**

Any student/students exhibiting prohibited behaviour mentioned in Section (6) of the code shall depending upon the gravity of the misconduct or depending on its recurrence be subjected to any of the following disciplinary sanctions.

### **I. Minor sanctions**

- (i) Warning or reprimand  
This is the least sanction envisaged in this Code. The student engaged in any prohibited behaviour will be issued a warning letter.
- (ii) Tendering apology  
The student engaged in any prohibited behaviour may be asked to tender an apology for his act, undertaking that he shall not indulge in such or any of the prohibited behaviour in future.

### **II. Major Sanctions**

- (i) Debarring from Examinations  
A student or group of students may be debarred from writing all any/some of the examinations which forms part of the academic programme for which he/she has joined.
- (ii) Suspension  
A student may be suspended from the University for violation of any of the provisions of this Code. The period of suspension and conditions if any, shall be clearly indicated in the communication addressed to the student. The student shall lose his attendance for the suspended period.

(iii) Restitution

Restitution implies reimbursement in terms of money and/or services to compensate for personal injury or damage/ or disfiguration to property of the University or any property kept in the premises of the University. The students or their parents may be asked to compensate in money terms for the loss that has been caused to any person or property of the University due to the act of vandalism perpetrated by the students. The students /group of students shall also be liable to put in their service to restore any loss or damage caused to any property and thereby bringing it to its original form.

(iv) Forfeiture

Any student engaged in any prohibited behaviour shall forfeit his caution deposit.

(v) Expulsion

This is extreme form of disciplinary action and shall be resorted to only in cases where stringent action is warranted. Expulsion is the permanent dismissal of a student from the University. Such a student will not be eligible for readmission to any of the courses of the University.

## **Section 8. Functionaries under the Code**

(i) Heads of Departments / Principals / Directors of Teaching Departments / Schools / Warden of Hostels.

As the persons in charge of the Department, the respective Heads / Principals / Directors of all the teaching Departments/ Schools shall have the power and duty to take immediate action to curb any prohibitory behaviour as envisaged under this code. As the Heads / Principals / Directors cannot single handedly manage the entire issues, he can assign part of the work to the teachers and the teachers of all the departments have the responsibility to inform any incident of prohibited behaviour to the Heads/ Principals / Directors so that any serious issue can be settled before the same goes out of control. The Heads / Principals / Directors shall have the power to impose minor sanctions as envisaged under section 7(I) of this Code. They can also recommend to

the Vice-Chancellor to impose major sanctions as envisaged under Section 7(II) of this Code. The Heads / Principals / Directors while taking any action as envisaged in the code shall do so in an impartial manner and see to it that the sanction imposed / proposed is commensurate to the gravity of the prohibited behaviour. Any lapse on the part of a teacher to report any instance of violence and misconduct on the part of the students shall be reported to the Vice-Chancellor by the respective Heads / Principals/Directors. The Warden / Matrons of Hostels shall be responsible for maintaining strict discipline and decorum in the hostel. He / She shall specifically see to it that the inmates of the hostel do not involve themselves in any prohibited behaviour mentioned under Section 6 of this Code.

(ii) Registrar

The Registrar shall have the power to visit / inspect any premised buildings or any property of the University when there is a genuine doubt that any act of prohibited behaviour is taking place and can take any lawful actions to curb such behaviour. The Heads / Principals / Directors shall report to the Registrar any instances of prohibited behaviour, who in turn shall bring it to the notice of the Vice-Chancellor. The Registrar shall forward the recommendations from the Heads / Principals / Directors to impose a major sanction under Section 7(II) of this Code to the Vice-Chancellor after noting his observations. The Registrar can also suo-motu recommend action against any student/students indulging in prohibited behaviour which is brought to his notice.

(iii) Vice-Chancellor

The Vice-Chancellor shall be the ultimate authority in imposing major sanctions as envisaged under Section 7(II) against the students for acts of prohibited behaviour. The Vice-Chancellor can also entertain any appeal from any student / students aggrieved by the action of the Heads / Principals / Directors and decide the case on merits and in an impartial manner.

## **Section 9. Right to Appeal**

The student / students aggrieved by the action of the Heads / Principals/ Directors can appeal to the Vice-Chancellor and any students aggrieved by the action of the Vice-chancellor can appeal to the Syndicate. The decision of the Syndicate shall be final and binding on the student/students.

## **Section 10. Assistance from Law Enforcement Agencies**

The Heads / Principals / Directors shall have the power and duty to call the Police immediately when there is a threat of Law and Order situation in the Campus and also when there is a genuine apprehension that any incident of rioting, vandalism or any other act prohibited by law is likely to take place. The Heads / Principals / Directors shall in such a case give a detailed report to the Registrar. The Heads / Principals / Directors can also arrange videography of the entire situation.

## **Section 11. Counselling**

The University shall arrange for initial counselling of fresh entrants by the Heads / Principals / Directors of the respective Department.

## **Section 12. Grievance Redressal Committee**

The University will also set up "Grievance Redressal Committee" where the students can air their grievances. The Committee shall consist of the Heads/Principals/Directors of the Departments, eminent persons including retired Judges and also members of the Parent Teachers Association. Till these committees are constituted, adhoc committees shall be formed by the Vice-Chancellor. SoE has constituted the Grievance Redressal Committee.

## **Section 13. Undertaking by the students**

The students joining any academic programme of the University will have to give an undertaking to the effect that he/she will fully comply with the provisions envisaged in this Code in letter and spirit.

## **Section 14. Amendments to the Code**

The Syndicate of the University shall have the power to amend any of the provisions in this Code. The amendments shall be brought to the notice of the students and teachers of the University.

## **Section 15.**

No order other than an order suspending or warning a student, shall be passed without giving an opportunity of hearing to the student / students.

## V ANTI-RAGGING

Excerpts from  
UGC REGULATIONS ON CURBING THE MENACE  
OF RAGGING IN HIGHER EDUCATIONAL  
INSTITUTIONS (third amendment), Regulations,  
2016.  
(under Section 26 (1)(g) of the University Grants  
Commission Act, 1956)

In June 2009, the UGC has notified a comprehensive set of Regulations to curb the menace of ragging in educational institutions.

### **Clause 3** **What constitutes Ragging?**

As per the UGC Regulations, 2009, 'Ragging' constitutes one or more of any of the following acts,

- (a) any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- (b) indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- (c) asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- (d) any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;

- (e) exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- (f) any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- (g) any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- (h) any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
- (i) any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.
- (j) any act of physical or mental abuse (including bullying and exclusion) targeted at another student (fresher or otherwise) on ground of colour, race, religion, caste, ethnicity, gender (including transgender), sexual orientation, appearance, nationality, regional origins, linguistic identity, place of birth, place of residence or economic background.

with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

## **Clause 7**

### **Action to be taken by the Head of the institution.**

On receipt of the recommendation of the Anti Ragging Squad or on receipt of any information concerning any reported incident of ragging, the Head of institution shall immediately determine if a case under the penal laws is made out and if so, either on his own or through a member of the Anti-Ragging Committee authorised by him in this behalf, proceed to file a First Information Report (FIR), within twenty four hours of receipt of such information

or recommendation, with the police and local authorities, under the appropriate penal provisions relating to one or more of the following, namely;

- (i) Abetment to ragging;
- (ii) Criminal conspiracy to rag;
- (iii) Unlawful assembly and rioting while ragging;
- (iv) Public nuisance created during ragging;
- (v) Violation of decency and morals through ragging;
- (vi) Injury to body, causing hurt or grievous hurt;
- (vii) Wrongful restraint;
- (viii) Wrongful confinement;
- (ix) Use of criminal force;
- (x) Assault as well as sexual offences or unnatural offences;
- (xi) Extortion;
- (xii) Criminal trespass;
- (xiii) Offences against property;
- (xiv) Criminal intimidation;
- (xv) Attempts to commit any or all of the above mentioned offences against the victim(s);
- (xvi) Threat to commit any or all of the above mentioned offences against the victim(s);
- (xvii) Physical or psychological humiliation;
- (xviii) All other offences following from the definition of “Ragging”.

Provided that the Head of the institution shall forthwith report the occurrence of the incident of ragging to the District Level Anti-Ragging Committee and the Nodal officer of the affiliating University, if the institution is an affiliated institution.

Provided further that the institution shall also continue with its own enquiry initiated under clause 9 of these Regulations and other measures without waiting for action on the part of the police/local authorities and such remedial action shall be initiated and completed immediately and in no case later than a period of seven days of the reported occurrence of the incident of ragging.

## **Clause 9**

### **Administrative action in the event of ragging.**

The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed herein under:

- (a) The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.
- (b) The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;
  - (i) Suspension from attending classes and academic privileges.
  - (ii) Withholding/ withdrawing scholarship/ fellowship and other benefits.
  - (iii) Debarring from appearing in any test/ examination or other evaluation process.
  - (iv) Withholding results.
  - (v) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
  - (vi) Suspension/ expulsion from the hostel.
  - (vii) Cancellation of admission.
  - (viii) Rustication from the institution for period ranging from one to four semesters.

- (ix) Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.

- (c) An appeal against the order of punishment by the Anti-Ragging Committee shall lie,
  - (i) in case of an order of an institution, affiliated to or constituent part, of a University, to the Vice-Chancellor of the University;
  - (ii) in case of an order of a University, to its Chancellor.
  - (iii) in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.

## **Anti-Ragging Measures of SoE**

- 1 **Anti-Ragging Committee** headed by the Head of the Institution.
- 2 **Anti-Ragging Squad** should be nominated by the Head of the Institution with such representation as considered necessary to keep it mobile, alert and with patrolling function. The squad should make surprise raids in hostels and other hot spots and be empowered to inspect places of potential ragging. It should work under the overall guidance of the Anti-Ragging committee.
- 3 **Monitoring Cell** is mainly to oversee and involve senior students as Mentors for the 'freshers'. This cell should be formed at the end of every academic year. There should be as many levels of tiers of Mentors as the numbers of batches in the institutions. The Anti-Ragging squad and the Head of the Institutions should be involved in the selecting the members of the cell.
- 4 Anonymous random surveys must be conducted across the entire First year batch of students every fortnight during the first three months of the academic session in order to verify and cross check whether the campus is indeed free of ragging or not.

- 5 The institution must against complaints in regard to ragging or any uo moto information in respect thereof, where its authorization may come across promptly, and at all level and necessary action must be attended to with great dispatch. The complaints or information in regard to ragging could be oral or written and even from third parties and the confidentiality of the source of information must be protected at all costs. Remedial action must be initiated and completed within the week of the incident itself, so that the culprits does not tamper evidence or influence witnesses.
- 6 The burden of proof must, lie on the perpetrator and not on the victim to prove that the ragging did not take place. Collective punishment in these cases where the perpetrators could not be identified should continue.
- 7 An annual undertaking to be signed by each student whether fresher or senior and his / her parents jointly stating that each of them have read the relevant instructions / regulations against ragging as well as punishments, and that the ward has been found guilty he / she will be proceeded against. The undertaking should be provided in English as well as in the vernacular. This should be furnished at the beginning of each academic year by each student. The undertaking should be appended to a brochure containing the guidelines and other relevant instructions in regard to ragging and consequences if indulging in ragging.
- 8 Extensive publicity must be undertaken by the institutions by means of permanent boards of displaying definitions of ragging and its punishments in the campus especially in hostels and colleges, audio-visual aids, by holding counselling seminars, workshops, paintings etc. and other methods as it deems fit to publicize the ills of ragging.
- 9 There should be a development sense of confidence among 'freshers'. There should be a clean gap of 1 or 2 weeks in the date of joining of freshers and seniors, classes for the seniors should be commenced later. It should be mandatory for institutions to inform the parents of senior students their wards reach only on the due date and not earlier.

- 10 The 'Freshers' day shall be conducted within the first two weeks of the beginning of the academic sessions, that is not later than one week after the commencement of classes for the seniors. Faculty must be present to ensure no ragging or untoward incident takes place on this occasion.
- 11 Professional counsellors should be engaged to counsel 'freshers' in order to prepare them for the life ahead. The Head of the Institution should address all freshers in the first day of the academic session, and educate them about their rights against harassment of any kind including ragging, and all Faculty members must be invariably be present on the occasion. The academic officer should be given an orientation where all the departmental faculty must be present.
- 12 On arrival of senior students a joint sensitization program and counseling of both 'freshers' and seniors should be done through a professional counselor. They should be addressed by the Head of Institution and the Anti-Ragging committee. In the hostel, the Warden and Assistant Warden should address all the students. There should be resident tutors to assist the Asst. Warden to fulfill the obligations. It is strongly recommended that as far as possible Faculty members should dine with the hostel residents in their respective hostels up to the freshers' day.
- 13 Warden and Asst. Warden must be accessible on all hours. They must be issued with mobile phones by the institution and details of their telephone number must be widely publicized. Similarly the telephone numbers of Head of Institutions, faculty members, members of Anti-Ragging committee, District and Sub-divisional authorities and authorities of the relevant state should be widely disseminated. Free access to phone at any time should be made available to the freshers.
- 14 The Head of the Institution should submit to the Vice-Chancellor with a copy of the Register and DSW, weekly reports during first three months of re-opening of the institution and thereafter reports each month on the status of compliance with Anti-Ragging measures. The Vice-Chancellor should submit fortnightly reports of the University level Monitoring Cell to the State level Cell under the Chancellor. The fortnightly and

weekly reports should be shared with the media that 'nil' reports if any are also in the public domain.

**All Heads of Institutions must act well in time and occurrence of any untoward incidents in this regard due to lapse in observing these directions will be the responsibility of Head of the Institutions.**

### **Punishment**

The UGC Regulations stipulate that students can be expelled from an institute and debarred from taking admission to any other institute for a specified period after being found guilty of the offense.

The Regulations say students can be fined upto Rs.2.5 lakhs if found guilty of ragging. The UGC Regulations provide for rustication of a student, a period from one to four semesters.

### **National Call Centre**

A National Call Centre has started operation from 20<sup>th</sup> June 2009 to enable ragging victims from across the country to dial a toll free number to register complaints. This is the national anti-ragging helpline.

**24 × 7 Toll Free Anti-Ragging Helpline is  
1800-180-5522**

The helpline will have a software which will pass on the message to the Head of the Educational Institutions within 15 minutes so as to help the administration to swing into action to rescue the victim.

### **Anti-Ragging Committee for the Academic Year 2019-2020**

- |    |   |            |
|----|---|------------|
| 1. | Dr. George Mathew<br>Principal<br>School of Engineering | 9447726194 |
| 2. | Smt. Rukhia Jamal<br>Chair Person                       | 8592050505 |

- Kalamassery Municipality
3. Sub Inspector of Police  
Kalamassery Police Station
  4. Dr.Renjith V.R 9447108856  
Secretary, Parent Teachers Association  
(Professor  
Division of Safety & Fire Engineering  
School of Engineering)
  5. Dr. Dr.Bhasi A.B. 8891745950  
Professor  
Division of Mechanical Engineering  
School of Engineering
  6. Dr. David Peter S. 944636680  
Professor  
Division of Computer Science & Engineering  
School of Engineering
  7. Sri. Unnikrishnan 9447972700  
Security Officer (In-charge)
  8. Sri Haridas N P 8891387398  
Reporter, Mathrubhumi
  9. Sri Basil Sebastain 9446219929  
Kalamassery
  10. Sri. Vishnupriyan Kartha 4842544745  
Deputy Registrar, SOE, School of Engineering
  11. Sri. Section Officer 4842557405  
Section C, SOE, School of Engineering
  12. Mr.Midhun P 8075217002  
Representative of B.Tech 3<sup>rd</sup> Semester  
Mechanical Engineering, SoE
  13. Mr.Ahmed. K. Ismail 7561081873  
Representative of B.Tech 3<sup>rd</sup> Semester  
Civil Engineering, SoE
  14. Mr. Amal Thomas 8606670088  
Representative of B.Tech 5<sup>th</sup> Semester  
Civil Engineering, SoE
  15. Mr. Muhammed Suhaiel 9048048786  
Representative of B.Tech 7<sup>th</sup> Semester  
Mechanical Engineering, SoE

ANNEXURE - I

UNDERTAKING BY STUDENT

I, (Full name of student with admission / registration / enrolment number), s/o d/o Mr./ Mrs. / Ms. (Full name of parent / guardian) having been admitted to

(Name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the “ Regulations”), carefully read and fully understood the provisions contained in the said Regulations.

- (2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- (3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- (4) I hereby solemnly aver and undertake that
  - (a) I will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
  - (b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- (5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- (6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this (day) day of (month) month of (year) year.

Signature of deponent  
Name:

VERIFICATION

Verified that the contents of this undertaking are true to the best of my knowledge and no part of the undertaking is false and nothing has been concealed or misstated therein.

Verified at (place) on this the (day) of (month), (year) .

Signature of deponent  
Name:

ANNEXURE - II

UNDERTAKING BY PARENT/ GUARDIAN

I, Mr./ Mrs. / Ms. (Full name of parent / guardian) father / mother / guardian of (Full name of student with admission / registration / enrolment number), having been admitted to (Name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the “ Regulations”), carefully read and fully understood the provisions contained in the said Regulations.

- (2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- (3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- (4) I hereby solemnly aver and undertake that
  - (a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
  - (b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- (5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- (6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this (day) day of (month) month of (year) year.

Signature of deponent  
Name:  
Address:  
Telephone/Mobile No:

VERIFICATION

Verified that the contents of this undertaking are true to the best of my knowledge and no part of the undertaking is false and nothing has been concealed or misstated therein.

Verified at (place) on this the (day) of (month), (year) .

Signature of deponent  
Name:

## VI GRIEVANCE CELL

The Grievance cell is functioning in the School of Engineering to redress the complaints received from students. The following are the members of the grievance cell.

1.	Dr. George Mathew	9447726194	Principal
2.	Dr. Madhu G (Convener)	9447366900	CHE
3.	Ms. Sheena S	9446457531	CS
4.	Dr. Deepa G Nair	9846249839	CE
5.	Dr. Latha P G	9446147780	EEE
6.	Ms. Sariga Raj	9446556876	IT
7.	Mr. Unni A M	9447233120	ECE
8.	Deputy Registrar	0484 2862033	

Website: [www.soe.cusat.ac.in](http://www.soe.cusat.ac.in)

## VII COMMITTEE AGAINST SEXUAL HARASSMENT

The Committee Against Sexual Harassment is functioning in the School of Engineering to redress the complaints regarding sexual harassment in a time bound manner, aiming at ensuring support to the victimized. The following are the members of the committee.

1. Dr. George Mathew 9447726194
2. Dr. Sheena Mathew (Convener) 9446509508
3. Dr. Shahana T K 9895839629
4. Dr. Bindu C S 9495429703
5. Ms. Rehmath H 2862031
6. Ms. Bhadra Devadas  
(Representative, 7<sup>th</sup> Semester CE)
7. Ms. Anagha V Narayanan  
(Representative, 7<sup>th</sup> Semester CS)

## VIII SoE TEAM

**Principal, School of Engineering:**  
**Dr. George Mathew**  
(9447726194)

**Dean, Faculty of Engineering:**  
**Dr. K S Beena**  
(9447329888)

### Divisions under SoE

Sl No.	Division
1.	Civil Engineering
2.	Computer Science & Engineering
3.	Electrical & Electronics Engineering
4.	Electronics & Communication Engineering
5.	Information Technology
6.	Mechanical Engineering
7.	Safety & Fire Engineering
8.	Chemical Engineering
9.	Applied Science & Humanities

## **IX DIVISION OF CIVIL ENGINEERING (CE)**

Division of Civil Engineering is one of the major divisions in School of Engineering, established in 1979. Apart from the B. Tech programme in Civil Engineering, the Division offers M.Tech Programme (Full Time) with specialization in Geotechnical Engineering and M. Tech Program (Part Time) with specialization in Construction Engineering and Management. The Civil Engineering division is well accepted as a Research and Consultancy Centre. The broad areas of research include Geotechnical Engineering, Structural Engineering, Sustainable and Construction Techniques, Water Resources and Environmental Engineering. A number of research projects have been sanctioned to the Division by agencies like DST, AICTE, UGC, KSCSTE, Coir Board, Coconut Development Board etc. The course and curriculum of Civil Engineering is constantly reviewed and revised to adapt the ever changing needs of the construction industry and to provide quality education for successful career in Engineering. B. Tech programme of Civil Engineering has been accredited by NBA (Tier I) in December 2015 for the next three years.

### **Vision**

To impart knowledge and excellence in Civil Engineering with a global perspective and to groom professionals with ethical values to meet the current future challenges for nation building.

### **Mission**

1. To promote quality education, research and consultancy for Industrial and social needs.
2. To inculcate professionalism and moral values in budding Civil Engineers through sustainable engineering practices.
3. To inspire the new generation of Civil Engineers with innovative ideas and creativity for lifelong learning.
4. To mentor and equip future leaders of Civil Engineering Profession and society, to meet the current and future challenges of nation in a global perspective.

**Head: Dr. Abdu Rahiman K U (9497683196)**

**Faculty**

1.	Dr. Abdu Rahiman K U	Professor	9497683196
2.	Dr. K S Beena	Professor	9447329888
3.	Dr. Benny Mathews Abraham	Professor	9446409897
4.	Dr. Glory Joseph	Professor	9745229596
5.	Mr. Arun Kumar T	Assoc. Professor	9946510679
6.	Dr. Bindu C S	Professor	9495429703
7.	Dr. Deepa Balakrishnan S	Professor	9495021727
8.	Dr. Deepa G Nair	Professor	9846249839
9.	Dr. Job Thomas	Professor	9846545824
10.	Dr. Narasimha D S	Assoc. Professor	8547775943
11.	Mr. Ramdass S	Assoc. Professor	9446925748
12.	Dr. Renu Pawels	Professor	9446556494
13.	Dr. Roy M Thomas	Professor	9447147194
14.	Dr. Subha V	Professor	9447292584
15.	Dr. Sobha Cyrus (On Deputation )	Professor	9846146198

**On Contract**

16.	Ms. Tintu Joy M	Asst. Professor	9961850837
17.	Ms. Neethu Vinod	Asst. Professor	9495183409
18.	Ms. Rani Tenison	Asst. Professor	9995877374
19.	Ms. Parvathy A Nair	Asst. Professor	9496276020
20.	Ms. Jumi K M	Asst. Professor	9895266380
21.	Ms. Renuka V B	Asst. Professor	9895592866
22.	Ms. Chitra N	Asst. Professor	9961963087
23.	Ms. Junaijath	Asst. Professor	8089367270
24.	Ms. Aryadevi S	Asst. Professor	9188572181
25.	Mr. Sanoop G	Asst. Professor	9947703518

### Technical Staff

1.	Mr. Purushothaman K T	Tech Asst Gr III	9995521796
2.	Ms. Seena Skaria	Tech Asst Gr II	9446719204
3.	Mr. Kunjumon V C	Tech Asst Gr II	9495274538
4.	Mr. Pradeep	Technician Gr II	9446410173
5.	Mr. Aboobacker P A	Lab Attendant	9447233919

### On Contract

6.	Ms. Usha	Technician Gr I	8129014944
7.	Ms. Shyamini S	Technician Gr I	9446011251
8.	Ms. Deepa K A	Technician Gr II	9633121243
9.	Ms. Deepthimol P R	Technician Gr I	9744618735
10.	Ms. Divya Krishna	Technician Gr I	9946887224
11.	Ms. Abeena T C	Tech Asst Gr I	9645487699
12.	Mr. Gopu Sankar	Tech Asst Gr I	8301034854
13.	Ms. Omana D V	Technician Gr I	9387613750
14.	Mr. Mohammad Fa- rooque M	Technician Gr I	8921220692

## **X DIVISION OF COMPUTER SCIENCE & ENGINEERING (CS)**

The Division of Computer Engineering was established with the objective of imparting quality education in the field of Computer Science. The department offers undergraduate, post-graduate and research programs (both full-time and part-time) in Computer Science. The annual intake for B.Tech program is 100, post-graduate program specializing in network computing is 20. Research in the division is active in diversified areas like Image processing, Big Data, Natural Language Processing, Neural Networks etc.

Computer Engineering division is committed to provide a supportive, friendly and challenging environment for teaching, learning and research. Our education model focuses on providing breadth and depth of knowledge in a multitude of computing disciplines like computer architecture, databases, networks, embedded systems, real-time systems, software engineering etc. The division is strive to educate students as the next generation engineers capable of becoming leaders in industry, government and academia. Our students get selected into highly reputed companies like Amazon, Oracle, MuSigma, TCS, Verizon, Cybage and Nutanix from campus placement and many of them opt for higher studies in world renowned institutes both in India and abroad.

### **Vision**

To produce highly competent Computer Engineering professionals with sound basic concepts, by imparting quality training with the help of recent tools and technologies.

### **Mission**

1. To become a centre of excellence in computer education and research and adapt itself to the rapid advancements in the specialized field.
2. To inculcate professional behaviour, strong ethical values, innovative research capabilities and leadership abilities in

the young mind so as to work with a commitment to the progress of the nation.

**Head: Dr. Latha R Nair (9567489098)**

**Faculty**

1.	Dr. David Peter S	Professor	9446366805
2.	Dr. Sheena Mathew	Professor	9446509508
3.	Dr. Sudheep Elayidom	Professor	9895049399
4.	Ms. Ancy Zachariah	Assoc. Professor	9544884424
5.	Mr. Damodaran V	Assoc. Professor	9447001195
6.	Dr. Latha R Nair	Assoc. Professor	9567489098
7.	Mr. Pramod Pavithran	Assoc. Professor	9447106663
8.	Mr. Vinod Kumar P P	Assoc. Professor	9447222647
9.	Ms. Preetha S	Asst. Professor	9947468348
10.	Ms. Sheena S	Asst. Professor	9446457531
On Contract			
11.	Ms. Abitha P G	Asst. Professor	9048049877
12.	Ms. Lino Murali	Asst. Professor	9145526027
13.	Ms. Nitha C Pankajakshan	Asst. Professor	9946279656
14.	Ms. Minu Poulouse	Asst. Professor	9400539990
15.	Ms. Shirin Salim	Asst. Professor	8301862973
16.	Mr. Rajin R	Asst. Professor	9496655665
17.	Mr. Arun M O	Asst. Professor	9495200921
18.	Ms. Mahima Mary Mathews	Asst. Professor	9447787887
19.	Ms. Jithi P. V.	Asst. Professor	9447718764
20.	Ms. Lima Johnson	Asst. Professor	9746214914
21.	Ms. Manjusha V	Asst. Professor	9746600638

**Technical Staff**

1.	Ms. Ancy P John	Tech Asst Gr III	9895176318
2.	Mr. George M Jacob	Tech Asst Gr II	9656225162
On Contract			
3.	Ms. Bindhumol N K	Tech Asst	9497791832
4.	Ms. Jijy S	Tech Asst	9995998344

## **XI DIVISION OF ELECTRICAL & ELECTRONICS ENGINEERING (EEE)**

The Division of Electrical Engineering currently offers B.Tech, M.Tech and Ph.D programmes in engineering. Power and Energy Systems, Control and Instrumentation and Power Electronics are the active research groups in the division. The division provides excellent research ambience and has good track record in terms of research publication and number of Ph.D's produced. The curriculum for the under graduate and post graduate programmes are regularly reviewed and updated to suit the changing needs of the industry. The division strives continuously to impart professionalism to budding technocrats by providing quality education.

### **Vision**

To impart professionalism to budding technocrats by providing quality education and mould young minds to be technically competent, morally upright and socially committed citizens of the country.

### **Mission**

1. To be a center of excellence in Electrical and Electronics Engineering for the upliftment of mankind by imparting quality education.
2. To provide innovative solutions to electrical engineering problems and energy crisis to solve socio- economic challenges faced by the society.

**Head: Dr. Asha Elizabeth Daniel (9446128079)**

**Faculty**

1.	Dr. Asha Elizabeth Daniel	Professor	9446128079
2.	Dr. Latha P G	Assoc. Professor	9446147780
3.	Ms. Sheena K M	Assoc. Professor	9495970110

**Adjunct Faculty**

4.	Dr. Babu C A	Professor	9447349571
5.	Dr. Usha Nair	Professor	9847147689

**On Contract**

6.	Ms. Jeena John	Asst. Professor	9746244311
7.	Ms. Reenu Mathew	Asst. Professor	9895115470
8.	Ms. K Vinida	Asst. Professor	9446535296
9.	Ms. Resmimol	Asst. Professor	9496823363
10.	Ms. Sanjna Salim	Asst. Professor	7025990589
11.	Ms. Sini Jose	Asst. Professor	9946510424
12.	Ms. Rosamma Thomas	Asst. Professor	9495848456
13.	Ms. Prema R Chandran	Asst. Professor	9048542521
14.	Ms. Suprina S	Asst. Professor	7907568165
15.	Ms. Jassia M A	Asst. Professor	9495551993
16.	Ms. Ragi	Asst. Professor	9846828982

**Technical Staff**

1.	Mr. Manoj M S	Technician Gr II	9446747570
2.	Mr. Girish G	Technician Gr II	9446718270
3.	Mr. Abdul Salim A E	Lab Attendant	9895344719

**On Contract**

4.	Mr. Binoy K J	Technician Gr I	8891414449
5.	Mrs. Renjini P Kumar	Technician Gr I	9495902273

## **XII DIVISION OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE)**

The Division of Electronics Engineering, School of Engineering was conceived in 1995 with the objective of imparting quality education in the field of Electronics and Communication Engineering. The division offers B-Tech with an annual intake of 90 students, two M-Tech Programmes with specializations in Wireless Technology and Electronics Design Technology and PhD programme. The division has necessary strengths to enable the students to imbibe, incubate and innovate and to become entrepreneurs to serve the community. State-of-the-art facilities are provided by the division to empower students to meet with the challenges in cutting edge areas. The Faculty strive hard to educate students as Next-Generation - Engineers capable of becoming leaders in industry, government and academia.

### **Vision**

To be a supreme centre of quality Electronics Engineering education with a focus on lifelong learning, teamwork and leadership, thus creating a platform for industrial consultancy with global standards through intense research, contributing meaningfully to the development of the country.

### **Mission**

1. Work with a commitment to the highest possible standards of quality in the areas of teaching, research and service.
2. Develop a full-fledged centre of learning in various fields of Electronics & Communication Engineering.
3. Produce competent engineers adequately prepared to face challenges of the society, adhering to moral and ethical values.

**Head: Dr. Shahana T K (9895839629 )**

**Faculty**

1.	Dr. R Gopikakumari	Professor	9446129193
2.	Dr. S Mridula	Professor	9567883856
3.	Dr. Rekha K James	Professor	9745182001
4.	Dr. P Abdulla	Professor	9496445235
5.	Dr. Anju Pradeep	Professor	9446337660
6.	Dr. Binu Paul	Professor	8547015950
7.	Dr. Jibukumar M G	Professor	9497683331
8.	Dr. Mythili P	Professor	9400939416
9.	Dr. Shahana T K	Professor	9895839629
10.	Dr. Babita Roslind Jose	Assoc. Professor	9846222168
11.	Dr. Deepa Sankar	Assoc. Professor	9447432568
12.	Mr. Unni A M	Assoc. Professor	9447233120
13.	Mr. PremKumar C V	Asst. Professor	9447171544

**On Contract**

14.	Ms. Sreejisha K P	Asst. Professor	9497262900
15.	Ms. Sumi Baby	Asst. Professor	9895114220
16.	Ms. Visanthi V P	Asst. Professor	8891756331
17.	Mr. Manu Krishna V R	Asst. Professor	9496468578
18.	Ms. Anaswara V Nath	Asst. Professor	9809774521
19.	Mr. Ashwin Bhasi	Asst. Professor	9495813402
20.	Ms. Gayatri R	Asst. Professor	9497269045

**Technical Staff**

1.	Ms. Gibi Thomas	Tech Asst Gr III	8547588357
2.	Ms. Sini Mol	Tech Asst Gr III	9633159454
3.	Ms. Lini Mol	Tech Asst Gr II	9895573266

**On Contract**

4.	Ms. Reema Kunjachan	Tech Asst Gr III	9895774478
5.	Ms. Shaniba V P	Tech Asst Gr I	9747742345
6.	Mr. Anil Kumar A T	Technician Gr I	9495939374
7.	Mr. Shahul Hameed K A	Technician Gr I	9995596702
8.	Mr. Abin K E	Technician Gr I	9744424127
9.	Ms. Ajitha C S	Technician Gr I	9048783993
10.	Mr. Husaun T I	Lab Attendant	9037273629

## **XIII DIVISION OF INFORMATION TECHNOLOGY (IT)**

The Division of Information Technology was established with the objective of imparting quality education in the field of Information Technology. The division offers a broad based undergraduate programme in Information Technology and post graduate programme in Software Systems. State-of-art computing facilities are provided by the department to empower students to meet with the cutting edge technologies. The division has all the amenities to provide necessary strengths to enable the Students to Innovate and become Entrepreneurs to serve the community.

The Division moulds young outstanding engineers who are academically strong in both theory and practical. B.Tech programme of Information Technology has been accredited by NBA (Tier I) in December 2015 for three years.

### **Vision**

To become a world leader in higher education and research in the field of Information Technology.

### **Mission**

1. To impart state-of-the-art knowledge in the field of Information Technology with a focus on developing required competencies and virtues to meet the requirements of the society and to become a centre of excellence in this field.
2. To attract graduate, post-graduate and research students and train them in innovative areas so that, they can impress various recruiters from industry and academia and also become entrepreneurs in Information Technology.

**Head: Dr. Renumol V G (9446475103)**

**Faculty**

1.	Dr. Renumol V G	Professor	9446475103
2.	Dr. Binsu C Kovoor	Professor	9847788551
3.	Dr. Shelbi Joseph	Assoc. Professor	9446221045
4.	Dr. Daleesha M Viswanathan	Assoc. Professor	9446218042
5.	Dr. Santosh Kumar M B	Assoc. Professor	9746622326
6.	Ms. Sariga Raj	Assoc. Professor	9446556876

**On Contract**

7.	Mr. Akhil P V	Asst. Professor	9447785097
8.	Ms. Shilpa Elsa Abraham	Asst. Professor	7403287546
9.	Ms. Anjali S	Asst. Professor	9986317756
10.	Mr. Riyas N K	Asst. Professor	9946036803
11.	Ms. Deepa Paul	Asst. Professor	9447701778
12.	Ms. Sreejadevi P	Asst. Professor	8921094827
13.	Ms. Smitha S	Asst. Professor	9995006932
14.	Ms. Sunitha E V	Asst. Professor	8075660249
15.	Ms. Sahiya A A	Asst. Professor	9746835912
16.	Ms. Nafsiya C A	Asst. Professor	9746835912

**Technical Staff**

1.	Ms. Shiji S H	Tech Asst Gr II	9447719625
2.	Mr. Shihabudheen P K	Lab Attendant	9895261316

**On Contract**

3.	Ms. Josmi Jose	Tech Asst	9400918341
4.	Ms. Haridasan E C	Tech Asst	7025493425

## **XIV DIVISION OF MECHANICAL ENGINEERING (ME)**

The Mechanical Engineering division is one of the major divisions of the School of Engineering in terms of faculty members available. There are basically three streams in the division

- (i) Thermal and Fluid Engineering
- (ii) Mechanical Engineering Design
- (iii) Manufacturing and Industrial Engineering

Apart from the part time M. Tech programme with Production Engineering specialisation, the division offers full time M. Tech programme with Thermal Engineering Specialisation. The division is an active research centre for many research scholars and numerous consultancy projects have been completed successfully. The course curriculum of Mechanical Engineering is constantly reviewed and revived to adapt to the ever changing needs of the industry. The division strives to educate students as the next generation engineers capable of becoming leaders in industry as well as in academia.

### **Vision**

The division of Mechanical Engineering strives to be recognized globally for outstanding education and research leading to well-qualified engineers, who are innovative, entrepreneurial, and successful in advanced fields of engineering and research.

### **Mission**

1. To impart quality education to the students and enhancing their skills to make them globally competitive mechanical engineers.
2. To maintain vital state of the art research facilities to provide its students and faculty with opportunities to create, interpret, apply, and disseminate knowledge.
3. To develop linkages with world class R&D organisations and educational institutions in India and abroad for excellence in teaching, research, and consultancy practices.

**Head: Dr. James Varghese (9495672695)**

**Faculty**

1.	Dr. Radhakrishna Panicker M R	Professor	9447411827
2.	Dr. Ajithkumar G	Professor	9446495639
3.	Dr. Jayadas N H	Professor	9447291641
4.	Dr. Saju K K	Professor	9895593988
5.	Dr. Tide P S	Professor	9497366401
6.	Dr. Bhasi A B	Professor	8891745950
7.	Dr. Biju N	Professor	9496215993
8.	Dr. Franklin Robert John	Professor	9496978546
9.	Dr. Gireeshkumaran Thampi B S	Professor	9447054074
10.	Dr. Jacob Elias	Professor	9447475268
11.	Dr. Narayanan Namboothiri V N	Professor	9349895949
12.	Dr. James Varghese	Assoc. Professor	9495672695
13.	Mr. Joshy P J	Assoc. Professor	9496904280

**On Contract**

14.	Mr. Jibi Job	Asst. Professor	9495820660
15.	Mr Unnikrishnan M M	Asst. Professor	9946758545
16.	Mr Rakesh Chandra B	Asst. Professor	9496827273
17.	Mr. Faizal K	Asst. Professor	8129261686
18.	Mr. Jayesh S	Asst. Professor	9947291868
19.	Mr. Rashid Kareem	Asst. Professor	9048108651
20.	Mr. Roshith K	Asst. Professor	9746666483
21.	Dr. Ajin C Sajeewan	Asst. Professor	9846269345
22.	Mr. Arun G Nair	Asst. Professor	8547450131
23.	Mr. Praveen Vijayan	Asst. Professor	9495201198
24.	Mr. M Harikrishnan	Asst. Professor	7403167445
25.	Mr. Asif S	Asst. Professor	9446461145
26.	Mr. Jinu Mathew	Asst. Professor	9744998255

### Technical Staff

1.	Dr. Radhakrishnan P M	Tech Asst Gr III	9846178058
2.	Mr. Radhakrishnan K B	Tech Asst Gr II	9961816036
3.	Mr. Fexon Peter	Tech Asst Gr II	9847271256
4.	Mr. Binu V P	Tech Asst Gr II	9847052883
5.	Mr. Latheesh S	Tech Asst Gr II	9846053152
6.	Mr. Prins P V	Tech Asst Gr II	9496451535
7.	Mr. Reji A V	Tech Asst Gr II	9446610224
8.	Mr. Kunju Mohamed K M	Tech Asst Gr II	9747433986
9.	Ms. Sharada C A	Lab Asst.	9746798077

### On Contract

10.	Mr. Sarath K R	Technician Gr I	9567500585
11.	Mr. Sandeep M.S	Technician Gr I	9895417184
12.	Mr. Fazeerkhan K T	Technician Gr II	8606037007
13.	Mr. Sreekumar C M	Technician Gr I	9539084305
14.	Mr. Bhagyesh A.B	Tech Asst Gr I	9633936753
15.	Mr. Sreekumar M V	Technician Gr I	7034916036
14.	Mr. Anoop K	Technician Gr I	8078998540

## **XV DIVISION OF SAFETY & FIRE ENGINEERING (SE)**

The Division of Safety and Fire Engineering is running an undergraduate programme of Bachelor in Technology in Safety and Fire Engineering, an innovation by the University made for the first time in India in 1996, with an annual intake of 60 students and a fulltime post graduate programme of Master of Technology in Industrial Safety (Specialisation: Health, Safety and Environment) with an annual intake of 18.

Both the programmes are approved by the AICTE. The B.Tech. (S&F Engg.) programme is accredited by the National Board of Accreditation in 2015 and also recognized by the Department of Factories and Boilers, Govt. of Kerala in 2003 for the post of statutory Safety Officers under the Factories Act. The placement record of both the programmes are excellent, the major takers being DRDO, British Safety Council, Shell, IOCL, BPCL, Reliance Industries, Tata Steel, Oil India, IOTL, Cairn Energy, L&T and many other public and private concerns of repute. The Division is active in research, training and consultancy. A good number of research scholars are pursuing their PhD under the Division. The Division has capability and past experience in undertaking consultancy works and providing services in diverse fields, such as, structural design, design approval, health monitoring of structures, certifying structural stability, fire protection of buildings and structures, fire investigation, safety audit, preparation of legal compliance registers, EIA, HAZOP study, risk analysis, LOPA, preparation of emergency plans, accident investigation etc.

### **Vision**

To become a Centre of Excellence in Safety and Fire Engineering through advanced research, training and consultancy.

### **Mission**

1. To provide quality education and to prepare nationally and internationally competitive undergraduate and postgraduate students for a successful career in safety, occupational

- health, environmental management and fire protection engineering.
2. To promote research in the field of safety, occupational health, environmental management and fire protection engineering for improving safety and fire engineering practices.
  3. To encourage students for advanced study and research and to improve the safety standards of the society and the nation at large.

**Head: Dr. G Madhu (9447366900)**

**Faculty**

1.	Dr. G Madhu	Professor	9447366900
2.	Dr. George Mathew	Professor	9447726194
3.	Dr. Dipak Kumar Sahoo	Professor	9496215851
4.	Dr. Renjith V R	Professor	9447108856
5.	Mr. Nirmal Job A	Assoc. Professor	9446740057

**Adjunct Faculty**

6.	Dr. M. N Vinod Kumar	Professor	9446606906
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**On Contract**

7.	Mr. Anish Job Kurian	Asst. Professor	8606707991
8.	Ms. Anju Roy	Asst. Professor	9946114216
9.	Ms. Nithya Gopinath	Asst. Professor	8593939015
10.	Dr. Tiara A M	Asst. Professor	9434372464
11.	Ms. Rakhi M S	Asst. Professor	9400691181
12.	Mr. Amal S George	Asst. Professor	9567513843
13.	Ms. Jiji Varghese	Asst. Professor	8921448305

**Technical Staff**

1.	Mr. Binoy P. R	Lab Attendant	9446444908
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**On Contract**

2.	Ms. Sherin George	Tech Asst Gr I	9633346769
3.	Mr. Peter Stefin A J	Tech Asst Gr I	9746529093
4.	Ms. Revathy Ramesh	Technician Gr I	8078162655

## XVI DIVISION OF CHEMICAL ENGINEERING (CHE)

Chemical engineering is a branch of engineering that applies physical sciences (physics and chemistry), life sciences (microbiology and biochemistry), together with applied mathematics and economics to produce, transform, transport, and properly use chemicals, materials and energy. A chemical engineer designs large-scale processes that convert chemicals, raw materials, living cells, microorganisms and energy into useful forms and products.

Chemical engineers use chemistry and engineering to turn raw materials into usable products, such as medicine, petrochemicals and plastics on a large-scale, industrial setting. They are also involved in waste management and research. Both applied and research facets could make extensive use of computers.

The School of Engineering has been conducting M.Tech (Part-time) programme in Chemical Engineering since 1979 for the benefit of professionals working in and around Kochi. More than 150 chemical engineering professionals have successfully completed the M.Tech programme in Chemical Engineering. PhD research in different areas of Chemical Engineering has been undertaken since 2006. A Division of Chemical Engineering was formally formed in School of Engineering in the year 2014. The division conducts B.Tech (Part-time) programme in Chemical Engineering.

Courses offered:

1. B.Tech (Part-time) programme in Chemical Engineering
2. M.Tech (Part-time) programme in Chemical Engineering of 6 – Semesters duration. (Specialisation: Process Engineering) (Intake - biannual: 24)
3. PhD programme

**Head: Dr. G Madhu (9447366900)**

## **XVII DIVISION OF APPLIED SCIENCE & HUMANITIES (AS)**

### **Vision**

To create and disseminate knowledge and tools in intellectual areas at the interfaces between areas of engineering and other core areas of Applied Sciences and Humanities.

### **Mission**

1. Opening up research areas in the field of Applied Sciences and Humanities.
2. Generating human resources expanding human knowledge and benefits to the society through education and research on fundamental and applied aspects of Science, Humanities, Engineering and Technology in a singularly collegial interdisciplinary atmosphere.

**Head: Dr. Dhannia T (9446227207)**

#### **Faculty**

1.	Dr. T P Johnson	Professor	9495201223
2.	Dr. Dhannia T	Assoc. Professor	9446227207
Adhoc Faculty			
3.	Prof. Marykutty K M		9847014469
4.	Prof. Ramachandran N		9447814769
5.	Ms. Asha Balakrishnan		9946755244
6.	Dr. Suma S		9496278155
7.	Dr. Jalaja P		04842348375
8.	Dr. Asha Mary John		9446495546
9.	Prof. K Sankaran Nair		9388625236
10.	Dr. Valsamma Paul		9446240147
11.	Ms. Arvinder Kaur		9495991773
12.	Ms. Sreeja N		9846706778

## XVIII PLACEMENT CELL

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. Franklin Robert John. The School has nearly 70% placement for its final year students. Nearly 70 companies are visiting the campus for placement activities.

For further details contact,

Univeristy Placement Officer

**Dr. Franklin Robert John** 9496978546

Placement Cell Office 0484 2862400 / 0484 2477794

## **XIX EQUAL OPPORTUNITY CELL**

Cochin University of Science & Technology has been imparting Remedial Coaching to SC / ST / OBC / Minority students from 2007-2008 onwards in a bid to develop their academic capabilities with the active participation of UGC Cell. Equal Opportunity Cell is working in the campus to support those students who have difficulty in coping up with the demands of the programme for which they have enrolled. Remedial coaching is also offered based on counseling sessions by designated tutors. An Advisory Committee is constituted with Vice Chancellor as Chairman and five senior Professors of this University as members for monitoring the performance of Remedial Coaching. Coordinator EOC is the member secretary to the advisory committee.

As per UGC guidelines, the remedial coaching for the benefit of SC / ST / OBC / Women / Minority students was started at 2007. Presently its office at

2<sup>nd</sup> Floor, Room no: 18,  
Student Amenity Centre, CUSAT  
Ph: 9495363385  
E-Mail: eoc@cusat.ac.in

### **Advisory Committee**

Chairman     Dr.K.N Madhusoodanan, Hon'ble Vice Chancellor, CUSAT  
Coordinator     Dr.Sasi Gopalan, Professor, CUSAT

## **UGC(S) Cell for SC / ST**

The office of UGC(S) Cell for SC / ST is functioning at the administrative block building, CUSAT. This office is mainly focusing on the implementation of the reservation policies of the State and the Central Government. Redressal of grievances from among CUSAT SC / ST staff and students are also taken up by UGC(S) Cell for SC / ST.

For further details contact,

Joint Registrar (Academics)  
CUSAT, Kochi-682 022  
Phone: 0484 2576107 / 2862227  
Website: [ugcsct.cusat.ac.in](http://ugcsct.cusat.ac.in)

## XX PARENT TEACHER ASSOCIATION

The Parent Teacher Association (PTA) of School of Engineering is active in the Campus with the following activities:

- (i) Maintaining a web based student information system.(in the process of implementation)
- (ii) Engaging data entry operators in each division for the PTA website and also to assist the Head on official duties.
- (iii) Helping the poor students financially and encouraging academically brilliant students with awards for academic excellence.
- (iv) Resolving student conflicts, strikes etc.

The team is headed by the Principal SoE, Secretary Dr. V R Renjith, Vice President Sri. Varghese V P and Joint Secretary Sri. Venu. The Principal, eight Parent representatives and eight Teacher representatives form the Executive committee.

For any queries contact:

Sl.	Name	Post held	Contact Number
1.	Dr. V R Renjith	Secretary	9447108856
2.	Sri. Varghese V P	Vice President	9446335304
3.	Sri. Venu	Joint Secretary	9447814874

## XXI ALUMNI ASSOCIATION

The School of Engineering Alumni Association, SEAA, was started in April 2009 in SOE. The main purpose of the Association is to provide a platform through which the Alumni of SOE, faculty, staff and students of SOE can interact with each other for mutual benefit. SEAA will facilitate and inspire alumni to contribute towards improvements in the status of SOE in academics, infrastructure, industry interactions. SEAA looks forward to facilitate a platform for social interactions among alumni for mutual benefit in academic and/or business areas.

The governing body of SEAA consists of Coordinator, faculty representatives from all divisions and alumni representatives.

SEAA will render assistance to current students through grants, scholarships and prizes and provide assistance in academics, placement or any other area that is felt as appropriate by the association. The association shall also work towards better interactions between alumni and students by providing forums and creating opportunities for such interactions.

For further details contact, the co-ordinator,

Coordinator    Dr. Sudheep Elayidom,  
Professor,  
Division of Computer Science  
& Engineering,  
SoE, CUSAT  
9895049399

## XXII SoE ADMINISTRATION

Students may contact the following sections for various purposes.

### **Section A** (Phone: 0484 286 2035)

Railway Concession for students belonging to branches CE, ME, EE, EC and SE.

B.Tech Hostel related matters

Fee for post metric hostels

### **Section B** (Phone: 0484 286 2032)

Fee structure

Fee payment

Education scholarships

Bank loans

Refund of Fee

Refund of Caution deposits

Co-curricular activities

Non-liability clearance

### **Section C** (Phone: 0484 286 2031)

Inter-collegiate transfer

Branch change

Grace marks

Examination

Bonafide Certificate

Scholarship / student related funds

Railway Concession for students belonging to branches CS and IT.

## Administration

1. Mr. Vishnupriyan Kartha. K Dy. Registrar 2544745  
2862033

### Pool Office

2. Shila M. Pool Officer 2556187  
2862034

3. Padma R. Section Officer (Hr.Gr.)  
4. Jasmi P. S. Section Officer  
5. Lethika M. R. Comp. Assistant  
6. Siji M.K Comp. Assistant  
7. Indira T C Clerical Assistant  
8. Thankamani V.K. Photocopier & Duplicator  
Operator

### SoE 'A' Section

8. Rakhee P. Section Officer 2556187  
2862035

9. Azra Baker Asst. Section Officer  
10. Sudheer K P Asst. Section Officer  
11. Rintoo Divakaran Sr. Gr. Assistant

### SoE 'B' Section

12. Shabna Mohammed Kunju Section Officer 2544745  
2862032

13. Sugith G Asst. Sec. Officer  
14. Dileepkumar N S Asst. Sec. Officer  
15. Smitha Sudhakaran Asst. Sec. Officer  
16. Johnson K A Sr. Gr. Assistant

### SoE 'C' Section

17. Rejina S Nair Section Officer 2557405  
2862031

18. Rehmath H Asst. Sec. Officer  
19. Athira.R Sr. Gr. Assistant  
20. Jayaprabha Assistant

## Library

1. Dr. Surendran Cherukodan Assistant Librarian
2. Dr. Siju V G Junior Librarian
3. Mr. Eldho P Sunny Computer Assistant Grade II
4. Ms. Souda K K Library Assistant
5. Ms. Ressia K M Library Assistant
6. Ms. Sheelamole V Office Attendant

# XXIII ACADEMIC CALENDAR 2019 - 2020

## Holidays at a Glance

All Sundays

Second and Fourth Saturdays of each English Month

1.	Karkidaka Vaavu	Jul-31-2019
2.	Bakrid	Aug-12-2019
3.	Independence Day	Aug-15-2019
4.	Sreekrishna Jayanthi	Aug-23-2019
5.	Ayyankali Jayanthi	Aug-28-2019
6.	Onam Vacation *	Sep-06-2019 (AN onwards) to Sep-16-2019 (AN)
7.	Muharam	Sep-09-2019
8.	Thiruvonam	Sep-11-2019
9.	Third Onam	Sep-12-2019
10.	Sree Narayana Guru Jayanthi	Sep-13-2019
11.	Sree Narayana Guru Samadhi	Sep-21-2019
12.	Gandhi Jayanthi	Oct-02-2019
13.	Mahanavami	Oct-07-2019
14.	Vijayadasami	Oct-08-2019
15.	Deepavali	Oct-27-2019
16.	Milad-i-Sherif	Nov-09-2019
17.	Christmas Vacation*	Dec-20-2019 (AN onwards) to Dec-30-2019 (AN)
18.	Christmas	Dec-25-2019
19.	Mannam Jayanthi	Jan-02-2020
20.	Republic Day	Jan-26-2020
21.	MahaSivarathri	Feb-21-2020
22.	Maundy Thursday	Apr-09-2020
23.	Good Friday	Apr-10-2020
24.	Easter	Apr-12-2020
25.	Vishu, Ambedkar Jayanthi	Apr-14-2020

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\*Vacation from academic activities. Office will be working on these days, other than the days mentioned as Holidays.

26. May Day
27. Eid-ul-Fitr

May-01-2020  
May-24-2020

# JULY 2019

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

B.Tech III  
V VII Sem  
classes com-  
mence

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B.Tech  
M.Tech I Sem  
classes com-  
mences

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Karkidaka  
Vavu

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# AUGUST 2019

Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday

				1	2	3
4	5	6	7	8	9	10
11	Bakrid	13	14	Independence Day	16	17
18	19	20	21	22	Sreekrishna Jayanthi	24
25	26	I Test for B.Tech III V and VII Sem	Ayyankali Jayanthi	I Test for B.Tech III V and VII Sem	I Test for B.Tech III V and VII Sem	31

# OCTOBER 2019

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

			Gandhi Jayan- thi			
		1	2	3	4	5
6	Mahanavami 7	Vijayadashami 8	9	10	11	12
13	14	15	16	17	I Test for B.Tech I Sem 18	19
20	21	22	23	I Test for B.Tech I Sem 24	I Test for B.Tech I Sem End of III V and VII Sem classes 25	26
Deepavali 27	II Test for B.Tech III V and VII Sem 28	II Test for B.Tech III V and VII Sem 29	II Test for B.Tech III V and VII Sem 30	31		

# NOVEMBER 2019

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

					1	2
3	4	5	6	7	8	Milad-i-Sherif 9
10	Commencement of B.Tech Odd Sem Uty Exam 11	12	13	14	15	16
17	18	19	20	21	II Test for B.Tech I Sem 22	23
24	II Test for B.Tech I Sem 25	II Test for B.Tech I Sem 26	27	28	29	30

# DECEMBER 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Commencement of B.Tech IV VI VIII Sem classes	5	6 Commencement of B.Tech I Sem Uty Exam	7
8	9	10	11	12	13	14
15	16	17	18	19	20 Closing for Christmas Va- cation (AN onwards)	21
22	23	24	25 Christmas	26	27	28
29	30	31 Reopening af- ter Christmas. B.Tech II Sem classes com- mences				

# JANUARY 2020

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

			1	Mannam Jayanthi 2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	I Test for B.Tech IV VI VIII Sem 24	25
Republic Day 26	I Test for B.Tech IV VI VIII Sem 27	I Test for B.Tech IV VI VIII Sem 28	29	30	31	

# FEBRUARY 2020

Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday

							1
2	3	4	5	6	I Test for B.Tech II Sem 7	8	
9	I Test for B.Tech II Sem 10	I Test for B.Tech II Sem 11	12	13	14	15	
16	17	18	19	20	Maha Sivarathri 21	22	
23	24	25	26	27	28	29	

# MARCH 2020

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

1	2	3	4	5	II Test for B.Tech IV VI VIII Sem 6	7
8	II Test for B.Tech IV VI VIII Sem 9	II Test for B.Tech IV VI VIII Sem 10	11	12	13	14
15	16	17	18	19	End of B.Tech IV VI VIII Sem classes II Test for B.Tech II Sem 20	21
22	II Test for B.Tech II Sem 23	II Test for B.Tech II Sem 24	25	26	27	28
29	30	31				

# APRIL 2020

Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday

			Commencement of B.Tech Even Sem Uty Exam 1		2	End of B.Tech II Sem classes 3	4
5	6	7	8	Maundy Thursday 9	10	Good Friday	11
Easter 12	13	Vishu Ambedkar Jayanthi 14	15	16	17	18	18
19	20	21	22	23	24	25	25
26	27	28	29	30			

# MAY 2020

Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday

May Day  
Summer Va-  
cation com-  
mences **1**

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**3**

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**23**

Eid-ul-Fitr

**24**

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**31**

# JUNE 2020

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

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## XXIV IMPORTANT PHONE NUMBERS AT A GLANCE

1.	General Enquiry CUSAT	0484 2577290 / 0484 2577550
2.	Registrar	0484 2575396 / 9446366805
3.	Security Officer CUSAT	9447972700
4.	IRAA	0484 2577159
5.	Post Office CUSAT	0484 2575124
6.	SBI CUSAT	0484 2577770 / 2577142
	<b>Railway Station</b>	
7.	Alwaye	0484 2630141
8.	Ernakulam Junction (South)	0484 2376430
9.	Ernakulam Town (North)	0484 235198
	<b>KSRTC</b>	
10.	Ernakulam	0484 2372033
11.	Volvo	9447577119
	<b>Police</b>	
12.	General	100
13.	Kalamassery	0484 2557050 / 0484 2532050
14.	Road Help	9846100100
15.	Women Cell	9995399953

**Counselling Centers**

- |     |          |               |
|-----|----------|---------------|
| 16. | Maithri  | 0484 2540530  |
| 17. | Rhima    | 0484 3944620  |
| 18. | Shilpa   | 0484 2328977  |
| 19. | Nirbhaya | 1800 452 1400 |

**Ambulance / Hospitals**

- |     |                             |              |
|-----|-----------------------------|--------------|
| 20. | General                     | 102          |
| 21. | MAJ Hospital                | 0484 2344996 |
| 22. | Medical Trust (Kalamassery) | 9846007000   |
| 23. | KIMS Hospital               | 9647600600   |
| 24. | Sunrise Hospital            | 0484 2428913 |
| 25. | Cochin Medical Center       | 0484 2754000 |