



SCHOOL OF ENGINEERING

Cochin University Of Science And Technology

Cochin - 682 022

Kerala, India

ACADEMIC DIARY 2023-24

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



Name :
Roll No :
Semester :
Branch :

ACADEMIC DIARY 2023-2024

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Official Website	:	soe.cusat.ac.in
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Old Question Papers	:	dspace.cusat.ac.in
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University Library	:	library.cusat.ac.in
SoE Library	:	soe.cusat.ac.in
Examination Notifications	:	exam.cusat.ac.in
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I COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

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).

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.

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 4th 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 of the 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.

Present

CUSAT is academically structured into 10 Faculties and has 28 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. Ranked 37 in the Overall Category of the NIRF rankings 2023, 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.

Statutory Officers

Vice-Chancellor	:	Prof. (Dr.) P. G. Sankaran
Registrar	:	Prof. (Dr.) Meera V
Finance Officer	:	Sri. Sudheer M S
Controller of Examinations	:	Prof. (Dr.) Benjamin Varghese P.

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 and Applied Sciences and Humanities divisions.

All seven B.Tech programmes of School of Engineering have been accredited by National Board of Accreditation (NBA) under Tier I category, till 30 June 2025. The University has been re-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.

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.

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.

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) Programmes 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 programmes in Mechanical Engineering, Civil Engineering and Chemical Engineering commenced in the year 2017.

Programmes of Study

UG Programmes (B.Tech)			
Sl No	Programme & Discipline	Intake	Lateral Entry
B.Tech Full Time			
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

Sl No	Programme & Discipline	Intake
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B.Tech Part Time

8.	Civil Engineering	45
9.	Mechanical Engineering	45

PG Programmes (M.Tech)

M.Tech Full Time

1.	Civil Engineering (Geo-technical Engineering)	18
2.	Civil Engineering (Structural engineering)	18
3.	Industrial Safety (HSE Management)	18
4.	Computer Science & Engineering (Cyber Security)	18
5.	Electronics & Communication Engineering (Wireless Technology)	18
6.	Mechanical Engineering (Thermal Engineering)	18
7.	Information Technology (Business Analytics and Intelligence)	18

M.Tech Part Time

8.	Civil Engineering (Construction Engineering & Management)	13
9.	Electrical Engineering (Power Electronics)	15
10.	Mechanical Engineering (Production Engineering)	18

PhD Programmes

All major engineering programmes

Curricular and Co-Curricular Activities

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

Sl No	Committee	Faculty-in-charge
1.	AICTE Approval	Dr. Deepa Sankar(Conv.)
2.	NBA	Dr. Glory Joseph (Conv.)
3.	NIRF Ranking	Dr. Shahana T K (Conv.)
4.	IQAC	Dr. Asha Elizabeth Daniel (Conv.)
5.	IIC	Dr. Shelbi Joseph(Convenor)
6.	Internship	Dr. Saju K K(Coordinator)
7.	Techfest DHISHNA	Dr. Gireeshkumaran Thampi (Coordinator)
8.	Arts	Dr. Sudeep Elayidam (Coordinator)
9.	Sports	Ms. Sheena K.M. (Coordinator)
10.	Nature Club	Prof. George Mathew (Coordinator)
11.	NPTEL	Dr. Jibukumar M.G. (Conv.) Dr. Daleesha M Viswanathan (Jt. Conv.)
12.	SDPK	Dr. Jayadas N. H. (Coordinator)
13.	B.Tech. Induction Programme	Mr. Damodaran V
14.	Photography Club	Ms. Preetha S.(Coordinator)
15.	Music Club	Dr. Sudeep Elayidam (Coordinator)
16.	NSS Activities	Dr. Harikrishnan S (Coordinator)

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

Currently there are two regulations for the four years running. A) 2023 Regulations (Applicable to students admitted to first year in 2023) and B) 2019 Regulations (applicable for students admitted from 2019 - 2022)

A) B.Tech Regulations 2023

With effect from 2023 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 2023-24.

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 programme.
- (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, industrial training internship in industry/higher educational institutions of national eminence; and
- (v) Humanities courses on soft skills.
- (vi) Mandatory courses comprising environmental sciences, induction program, Indian Constitution, essence of Indian Knowledge Tradition.

1.2.2 Every 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 170 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 by the division concerned.

1.4.2 For theory courses, there will be 50% weightage for internal assessment and 50% 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:

Continuous assessment:

a)	First Periodical Test	Max marks:	15
b)	Second Periodical Test	Max marks:	15
c)	Tutorials/Assignments /Mini project	Max marks:	15
d)	Attendance	Max marks:	5
	Total Marks		50

End Semester Examination

- i. Exam shall be shall be of 3 hours duration.
- ii. Maximum marks : 50

1.4.4 For laboratory courses, the assessment pattern will be as follows:

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
	Total Marks		25

End Semester Examination. The semester end assessment for laboratory courses will consist of an examination carrying 18 marks and a viva voce carrying 7 marks. Maximum marks for semester end examination: 25

- 1.4.5 The split up of maximum marks for attendance for theory and laboratory courses as given in 1.4.3 (d) and 1.4.4 (c) shall be:

Attendance less than 75%	0 marks
Attendance of 75% and above, but less than 80%	1 mark
Attendance of 80% and above, but less than 85%	2 marks
Attendance of 85% and above, but less than 90%	3 marks
Attendance of 90% and above, but less than 95%	4 marks
Attendance of 95% and above	5 marks

- 1.4.6 At the end of the semester, semester end 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.
- 1.4.7 The semester end assessment for the laboratory courses shall be conducted by the respective department / division with at least two faculty members as examiners.
- 1.4.8 In the case of project work/internship activities, the project guide/faculty mentor concerned shall make the continuous assessment. A committee consisting of the Project/Internship Coordinator (nominated by the Head of the Department/Division), project guide/faculty mentor, 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 / Report of Internship	20 %
c)	Final review	40 %

- 1.4.9 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.
- 1.4.10 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 1.4.10. 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 component (other than laboratory courses) 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 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	11 credits of Semester I
V Semester	32 credits of Semesters I to III 11 credits of semester III for Lateral Entry students
VII Semester	54 credits of Semesters I to V 32 credits of semester III for Lateral Entry students

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 and above	S (Outstanding)	10
80 - 90*	A (Excellent)	9.0
70 - 80*	B (Very Good)	8.0
60 - 70*	C (Good)	7.0
50 - 60*	D (Satisfactory)	6.0
< 50*	F (Fail)	0

* 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 Semester Grade Point Average

The academic performance of a student in a semester is indicated by the Semester Grade Point Average (SGPA).

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

where ‘G_i’ refers to the grade point and ‘C_i’ refers to the credit value of the ith course undergone by the student in the semester excluding the credits earned by the student for his/her Minor and/or Honours programme.

The Semester Grade Point Average (SGPA) 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 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) The code, title, number of credits of each course registered in the semester, for the B.Tech. programme,
- b) The marks and letter grade obtained
- c) The total number of credits earned by the student upto the end of that semester
- d) CGPA obtained by the candidate will be mentioned in the grade card for the VIII semester in addition to the SGPA for that semester.
- e) In the case of Minor and Honours programmes, the title of the courses successfully completed, and the corresponding number of credits earned by the student in a particular semester will be mentioned in the grade card for that semester.
- f) The total number of credits earned by the student for his/her Minor/Honours Programme will be given in the VIII semester grade card only if he/she fulfills all the requirements of the Minor/Honours programme.

1.11.5 Classification

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

$$CGPA = \frac{C_1SGP_1 + C_2SGP_2 + C_3SGP_3 + \dots + C_nSGP_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘SGP_i’ refers to the semester grade point average (SGPA) and ‘C_i’ 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 SGPA/CGPA obtained by a student to percentage marks.

$$\text{Percentage} = (\text{SGPA or CGPA} - 0.5) * 10$$

1.12 Electives

The curriculum for each programme consists of a minimum of four Professional Electives and two Open Electives. The student shall select at least one Open Elective from among the courses offered in that semester by a Division/Department other than his/her Division/Department. Every student shall undergo a minimum number of elective course/s under MOOC offered by CUSAT or national agencies like NPTEL/SWAYAM, recommended by the concerned Division and with the approval of the Board of Studies concerned, during the programme (preferably before the final semester), as per the Regulations for MOOC prescribed by the University from time to time. The candidate shall produce the certification issued by the agency conducting the MOOCs in proof of credit attainment. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs approved by the University.

1.13 B. Tech with Minor

1.13.1 A minor is intended for a student to gain expertise in an area outside his/her major B.Tech. discipline. A Depart-

ment/Division may offer a Minor in a discipline in which it offers a major UG/PG programme.

- 1.13.2 All B.Tech. students shall be eligible to register for Minor Programmes.
- 1.13.3 The registration for Minor programmes shall be along with the registration of the 3rd semester. The selection of candidates for a minor programme shall be based on the SGPA obtained by the candidate in Semester – I.
- 1.13.4 To offer a minor programme in engineering, the number of candidates shall be at least 20% of the sanctioned strength of the corresponding major program. The number of seats available for the minor programme shall be decided and announced by the Division/Department concerned at the end of the second semester.
- 1.13.5 The student shall earn a minimum of 18 additional credits to be eligible for the award of B.Tech. Degree with Minor.
- 1.13.6 For CGPA calculation of B.Tech. programme as per the provision of 1.11, the credits earned by the student for his/her Minor programme will not be considered.
- 1.13.7 There is no transfer of credits from courses of Minor programme to regular B. Tech. programme and vice versa.
- 1.13.8 The Department/Division offering a Minor programme would enlist a set of courses from its curriculum and prescribe a requirement for Minor taking at least six courses from this set. No major and minor courses can overlap by more than two courses, and this shall be ensured by the corresponding Departments/Divisions concerned while designing and offering a Minor program.
- 1.13.9 Out of the 18 credits, 9 credits shall be earned by undergoing a minimum of two theory courses and a mini project offered by the Department/Division concerned, during the specified period. The remaining 9 credits could be acquired through courses offered by the Department/Division concerned or MOOCs approved by the Board of Studies concerned.

- 1.13.10 The maximum number of additional credits a student can register (course registration) in a semester is limited to 09 credits in excess of the mandatory credits allotted in the curriculum for that semester.
- 1.13.11 The assessment of the courses other than the MOOCs and earning of credits shall be as per the provisions of the clause 1.11. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the agency conducting the MOOCs in proof of credit attainment.
- 1.13.12 If a student fails in any course of the minor, he/she shall not be eligible to continue the B. Tech Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card.
- 1.13.13 The Undergraduate Degree with minor shall be awarded by the University to the students who fulfill all the academic eligibility requirements for the B.Tech. programme with Minor.

1.14 B. Tech with Honours

- 1.14.1 Honours is an additional credential a student may earn if he/she opts for the extra 18 credits needed for this in his/her own major B. Tech. discipline. B. Tech students with a minimum CGPA of 8.0 and above obtained in the first attempt in the first and second semesters combined are eligible to register for B.Tech. (Honours).
- 1.14.2 The CGPA of the candidate at the end of eighth semester shall be 8.0 or higher to be eligible for the award of B. Tech. (Honours).
- 1.14.3 The B.Tech. (Honours) registration shall be along with the registration of the 4th semester.
- 1.14.4 If a student fails in any course of the B.Tech. programme or the courses chosen for B.Tech. (Honours), he/she shall not be eligible to continue the B.Tech. (Honours). However, the additional credits thus far earned by the student shall be included in the grade card.

- 1.14.5 The student shall earn a minimum of additional 18 credits from the courses chosen for B.Tech. (Honours), to be eligible for the award of B.Tech. (Honours) Degree.
- 1.14.6 For CGPA calculation of B.Tech. programme as per the provision of 1.11, the credits earned by the student for his/her Honours programme will not be considered.
- 1.14.7 There is no transfer of credits from courses of Honours programme to regular B.Tech. programme and vice versa.
- 1.14.8 Out of the 18 credits, 9 credits shall be earned by undergoing minimum three specified B.Tech.(Honours) Elective courses of the respective discipline. Credits for the B.Tech.(Honours) Elective courses are deemed to be earned only on getting at a “C” grade or better as per the provisions of the clause 1.11.1. A student shall not be permitted to select the normal elective courses of the respective B. Tech programmes for attaining the credit requirements of B.Tech. (Honours). The remaining 9 credits could be acquired through courses offered by the Department/Division concerned or MOOCs of the respective disciplines approved by the Board of Studies concerned.
- 1.14.9 The maximum number of additional credits a student can register (course registration) in a semester is limited to 09 credits in excess of the mandatory credits allotted in the curriculum for that semester.
- 1.14.10 The assessment of the courses other than the MOOCs and earning of credits shall be as per the provisions of the clause 1.11. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the agency conducting the MOOCs in proof of credit attainment.
- 1.14.11 B.Tech. (Honours) Degree shall be awarded by the University to the students who fulfill all the academic eligibility requirements for the B.Tech. and B.Tech. (Honours) programmes.

1.15 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.

1.16 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 based on 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.

1.17 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).

1.18 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.

1.19 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.

B) B.Tech Regulations 2019

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.

2 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.

2.1 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

2.2 Structure of the B. Tech. programme

2.2.1 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.

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

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

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

2.3 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.

2.4 Mode of Evaluation

2.4.1 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.

2.4.2 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.

2.4.3 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.

2.4.4 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

2.4.5 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.

2.4.6 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.

2.4.7 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 % |

2.4.8 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.

2.4.9 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.

2.5 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.

2.6 Eligibility to appear for the End Semester Examination

2.6.1 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

2.6.2 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.

2.6.3 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.

2.6.4 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.

2.7 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.

2.8 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.

2.9 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.

2.10 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

2.11 Grading

2.11.1 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

2.11.2 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.

2.11.3 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.

2.11.4 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) 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.

2.11.5 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

2.11.6 Conversion of CGPA into Percentage

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

$$Percentage = (GPA/CGPA - 0.5) * 10$$

2.12 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.

2.13 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.

2.14 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.

2.15 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).

2.16 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.

2.17 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 480th 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 **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.
- 3 **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.
- 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 20th 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 2023-2024

1. Dr. P G Sankaran 0484-2577619(O)
Vice-Chancellor 9847348528
CUSAT
2. Dr. Meera V 0484-2575396(O)
Registrar 8281562396
CUSAT
3. Dr. P K Baby 9447508345
Director
Dept. of Youth Welfare,
CUSAT
4. Dr. Harigovind P C 9446633249
Assistant Professor and Director
School of Legal Studies
CUSAT
5. Dr.Aparna Lakshmanan S 9847742405
Asst. Professor,
Dept. of Mathematics, CUSAT
6. Dr. Dipak Kumar Sahoo 0484 2862030(O)
Principal,
School of Engineering,CUSAT
7. Smt. Shobha S 0484-2575182(O)
Joint Registrar - Academic Wing
CUSAT
8. Security Officer 9447972700
CUSAT
9. Smt. Chinju E R 7994935965
Municipal Councillor
University Colony

- | | | |
|-----|--|------------------------------------|
| 10. | District Information Officer
Old Collectorate
Park Avenue, Kochi -11 | 9446337400 |
| 11. | Sri.Vipin Das, SHO
Kalamasserry Police Station | 0484-2532050 |
| 12. | Sri Venu K P
Reporter, Deshabhimani | 8075353795
kpvenu@gmail.com |
| 13. | Adv.Ferha Azees
Legal Counsellor,
Cultural Academy for Peace,
Legal Line,
MA Balakrishnan Road,
Ernakulam North | 8589038232
advferha99@gmail.com |
| 14. | Smt. Rekha Karunakaran,
Section Officer,
Examination T Section | |
| 15. | Sri. Abhinav A K
Semester V, B.Tech. IT,
School Of Engineering | |
| 16. | Kum. Megha Lovjan ,
Research Scholar,
School of Industrial Fisheries | |

Anti-Ragging Monitoring Cell for the Academic Year 2023-2024

1. Chief Warden, University Hostels
2. Director , Student Welfare
3. Security Officer
4. Dr. Biju N., Professor, School of Engineering
5. Ms. Arathy Asok, Assistant Professor, School of Legal Studies

Anti-Ragging Squad of School of Engineering for the Academic Year 2023-2024

1. Principal
School of Engineering
CUSAT
0484 2862030(O)
9496215851
principal_soe@cusat.ac.in
2. Dr. Dr. Bindu C. S.
Professor
Div. of Civil Engg
9495429703
binduromeo@cusat.ac.in
3. Ms. Sheena S.
Assistant Professor
Div. of Comp Sc. & Engg.
9495577531
sheenas@cusat.ac.in
4. Dr. Binu Paul
Professor
Div. of Electronics and Commn. Engg.
8547015950
binumpaul@gmail.com
5. Smt. Sheena K M
Associate Professor
Div. of Electrical & Electronics Engg.
9495970110
sheenameerankunju@gmail.com
6. Dr. Binsu C Kovoov
Professor
Div. of Information Technology
9847788551
binsu@cusat.ac.in
7. Dr. Jacob Elias
Professor
Div. of Mechanical Engg
9447475268
jacob@cusat.ac.in
8. Mr. Karthik Rajeev
Assistant Professor
Div. of Safety & Fire Engg.
8281405045
24rajasree@gmail.com

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 ANTI-NARCOTICS CLUB

The Anti-Narcotics Club of the School of Engineering has the following members:

1. Chairman
Principal Dr. Dipak Kumar Sahoo
School of Engineering
2. PTA Secretary Dr. M R Radhakrishna Panicker
Professor and Head,
Mechanical Engineering
3. Convenor Mr. Vipn Das
SHO Kalamasserry
4. Teacher Coordinator Ms. Sheena K M
Associate Professor,
Electrical and Electronics Engg
5. PTA Member -1 Ms. Sathi T.C.
6. PTA Member - 2 Mr. Joju I Ignatius
7. Student Mr. Athuljith P.J.
Representative-1 S-7, B.Tech Safety and Fire Engg.
8. Student Ms. Niranjana Anil Kumar
Representative -2 S-5,
B.Tech Electrical and Electronics Engg.
9. Student Mr. Mr. Jigmat Stanzin
Representative-3 S-7, B.Tech Civil Engg.
10. Student Mr.Sreehari P.
Representative-4 S-7, B.Tech Mechanical Engg.

VII GRIEVANCE CELL

The Grievance cells are functioning in the Cochin University of Science and Technology at different levels to redress the complaints received from students and staff. The committees are:

1 University Level Student Grievance Redressal Committee

1. Prof. (Dr.) Usha K Aravind, School of Environmental Studies- Chairperson
2. Dr. Mini Sekharan N, Associate Professor, School of Industrial Fisheries (Member)
3. Smt. Sheena K M, Associate Professor, Division of Electrical and Electronics Engineering (Member),SOE
4. Dr. Saji K J, Associate Professor, International School of Photonics (Member)
5. Dr. Aneesh V Pillai, Assistant Professor, School of Legal Studies (Member)
6. Kum.Megha Lovejan, Research Scholar, School of Industrial Fisheries (Special Invitee)

Ombudsperson : Dr. A. N. Balchand, Retd. Professor and Former Director, School of Marine Science and Dean, Faculty of Marine Science

2 Departmental Student Grievance Redressal Committee

1. Dr. Dipak Kumar Sahoo, Principal, School of Engineering (Chairperson)
2. Dr. Sobha Cyrus, Professor, Division of Civil Engg, School of Engineering (Member)
3. Dr. Sunil K Narayanankutty, Professor, Dept of Polymer Science and Rubber Technology (Member)
4. Dr. Sam Thomas, Professor, School of Management Studies (Member)
5. Techi Roshni,B.Tech. 7th Semester Student Civil Engineering (as special invitee)

3 Grievance Redressal Committee for Faculty/ Staff of SoE

1. Dr. Dipak Kumar Sahoo, Principal, School of Engineering (Chairperson)
2. Dr. D. Mavoothu, Professor, School of Management Studies (Member)
3. Sri. Anil Kumar R, Section Officer (Non-Teaching staff as Member)
4. Dr. Sobha Cyrus, Professor, Division of Civil Engg, School of Engineering Senior Faculty (Member)

VIII INTERNAL COMPLAINTS COMMITTEE

Constituted As per Section 4 Grievance redressal mechanism of UGC (Prevention, Prohibition and Redressal of Sexual harassment of Women employees and students in higher educational institutions) Regulations 2015, implemented in the University vide U.O.No.Ac.A3/Misc./004377/2016 dated 22.01.2020, there shall be an Internal Complaints Committee (ICC) in the University with an inbuilt mechanism for gender sensitization against sexual harassment.

The University re-constituted the Internal Complaints Committee (ICC) in the University, for a period of three years with effect from 03.04.2023, with the following composition:

Presiding Officer

Dr. Asha Gopalakrishnan, Senior Professor, Department of Statistics

Two Faculty Members

- (i) Dr. Preetha S, Assistant Professor, School of Legal Studies
- (ii) Dr. Remya Ramachandran, Assistant Professor, School of Management Studies

Two Non-Teaching Employees

- (i) Smt. Merry Mol A J, Assistant Registrar (Exam II)
- (ii) Dr. Rejil T, Section Officer (Higher Grade), Office of the PVC

Three students (if the matter involves students)

- (i) Sri. Sudev P S, Research Scholar, Dept. of Applied Economics
- (ii) Kum. Mariya P S, BBA LLB, V Sem, School of Legal Studies
- (iii) Kum. Lakshmi Menon, B.Tech., EEE, V Sem, SOE

One Member amongst Non-Government Organizations or Associations

Smt. Rajeeana T M, District Mission Co-ordinator, Kudumbasree, Ernakulam

IX SCHOOL OF ENGINEERING - OVERVIEW

Principal : **Dr. Dipak Kumar Sahoo**
Office : 0484-2862030
Mobile : 9496215851

Dean : **Dr. Narayanan Namboothiri V N**
Faculty of Engineering
Mobile :9447329888

Divisions under SoE

Sl No.	Division
A	Civil Engineering
B	Computer Science & Engineering
C	Electrical & Electronics Engineering
D	Electronics & Communication Engineering
E	Information Technology
F	Mechanical Engineering
G	Safety & Fire Engineering
H	Applied Science & Humanities

A 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, Structural 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.Deepa Balakrishnan S (9495021727)

Faculty

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

Faculty on Contract

14.	Ms. Tintu Joy	Asst. Prof.	9961850837
15.	Ms.Metilda Paulose N	Asst. Prof.	8281291466
16.	Ms.Viji A.J.	Asst. Prof.	9947738887
17.	Dr.Swathy Pushpan	Asst. Prof.	8157071415
18.	Ms. Anjana M V	Asst. Prof.	8848863824
19.	Ms. Renuka V B	Asst. Prof.	9895592866
20.	Ms. Junaijath K A	Asst. Prof.	8089367270

Technical Staff

1.	Mr.Mohammed Ummer M M	Tech. Officer Gr.I	8590347228
2.	Ms. Seena Skaria	Tech. Officer Gr I	9446719204
3.	Mr. Kunjumon V C	Tech Asst Gr III	9495274538
4.	Mr. Aboobacker P A	Lab Attendant	9447233919

Staff on Contract

5.	Ms.Aswathy A S	Tech Asst Gr I	9961076016
6.	Ms.Deepa K A	Technician Gr II	8075208566
7.	Ms.Deepthimol P R	Tech Asst Gr I	9744618735
8.	Mr.Gopu Sankar	Technician Gr II	8301034854
9.	Ms.Meera N S	Tech Asst Gr I	9744207646
10.	Ms.Priya A	Technician Gr I	9946496566
11.	Ms.Vithu P V	Tech Asst Gr I	9995417274
12.	Mr.Anoop C B	Technician Gr I	8137824792
13.	Ms.Anumol	Tech Asst Gr I	8281795203

B Division of Computer Science & Engineering (CSE)

The Division of Computer Science and Engineering was established with the objective of imparting quality education in the field of Computer Science and Engineering. The division offers undergraduate, post-graduate and research programs (both full-time and part-time) in Computer Science and Engineering. The undergraduate program has an annual intake of 90 students and the post-graduate program specializing in Cyber Security has an annual intake of 18 students. The Division is involved in active research in diverse areas such as machine intelligence, image processing, big data, network security and natural language processing.

The Computer Science and 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, computer networking and algorithm analysis and design. The division strives to educate students as the next generation engineers, capable of becoming leaders in industry, government and academia. The meticulous theoretical and practical knowledge imparted ensures 100 percent placement for the students in highly reputed companies. Our students perform exceedingly well in national and international competitive exams including GATE, CAT and GRE and find openings for higher studies in reputed universities in India and abroad.

Vision

To be a global centre for learning and dissemination in computing and automation.

Mission

To mould students as competent and industry leading technologists with social commitment guided by professional ethics and national ethos.

Head: Dr. Sudheep Elayidom (9895049399)

Faculty

1.	Dr. Sheena Mathew	Professor	9446509508
2.	Dr. Sudheep Elayidom	Professor	9895049399
3.	Dr. Latha R Nair	Professor	9567489098
4.	Ms. Ancy Zachariah	Assoc. Prof.	9544884424
5.	Mr. Damodaran V	Assoc. Prof.	9447001195
6.	Dr. Pramod Pavithran	Assoc. Prof.	9447106663
7.	Mr. Vinod Kumar P P	Assoc. Prof.	9447222647
8.	Ms. Preetha S	Asst. Prof.	9947468348
9.	Ms. Sheena S	Asst. Prof.	9446457531

Faculty on Contract

10.	Dr. Hima Suresh	Asst. Prof.	9746250547
11.	Ms. Chaithanya Chandranath	Asst. Prof.	9446200253
12.	Ms. Fameela K A	Asst. Prof.	9744247892
13.	Ms. Minu Poulouse	Asst. Prof.	9400539990
14.	Ms. Renjusha Aravind	Asst. Prof.	9895391785
15.	Ms. Remyamol K M	Asst. Prof.	8921012257
16.	Ms. Jithi P. V.	Asst. Prof.	9447718764
17.	Ms. Aiswarya Sud- hakar	Asst. Prof.	9633807672
18.	Ms. Amrutha S Nair	Asst. Prof.	96459 67708
19.	Ms. Fanny May Joseph	Asst. Prof.	9809959429
20.	Ms. Jeeva Susan Jacob	Asst. Prof.	9447378733

Technical Staff

1.	Mr. George M Jacob	Tech Asst Gr III	9656225162
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Staff on Contract

2.	Mr. Mathew K Cherian	Tech Asst. Gr I	9497056629
3.	Mr. Augustine K I	Tech Asst. Gr I	7306967958
4.	Mr. Ajin Prasannan	Tech Asst. Gr I	9946311441

C 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 (9446147780)

Faculty

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

Faculty on Contract

4.	Dr. K Vinida	Asst. Prof.	9446535296
5.	Ms. Rosamma Thomas	Asst. Prof.	9495848456
6.	Ms. Suprina S	Asst. Prof.	7907568165
7.	Ms. Ragi R Menon	Asst. Prof.	9846828982
8.	Dr. Anju G Pillai	Asst. Prof.	7907616641
9.	Ms. Neethu N M	Asst. Prof.	9495840879
10.	Ms. Ankitha M R	Asst. Prof.	9400605543
11.	Ms. Mithra P S	Asst. Prof.	8075535500
12.	Ms. Misha K M	Asst. Prof.	9567913675
13.	Ms. Reshma K Jayan	Asst. Prof.	8281045218
14.	Mr. Jithin Jose	Asst. Prof.	9633046990
15.	Ms. Vidya Viswan	Asst. Prof.	8089353930
16.	Ms. Ashida Muhammed	Asst. Prof.	9037365553

Technical Staff

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

Staff on Contract

4.	Mr. Muralikrishna B.S	Tech Asst Gr I	9847320307
5.	Ms. Reema Kunjachan	Tech Asst Gr I	9895774478
6.	Mr. Vishnu Thankappan	Tech Asst Gr I	9846453882
7.	Mr. Vishnu Mohan	Technician Gr I	8848245625
8.	Mr. Libin Baby Varghese	Technician Gr I	9061487658
9.	Mr. Binoy K J	Technician Gr I	8891414449
10.	Mr. Sivaprasad	Technician Gr I	8289887259

D 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, one M-Tech Programme with specialization in Wireless 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. Anju Pradeep (9446337660)

Faculty

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

Faculty on Contract

13.	Dr. Ami Iqubal	Asst. Prof.	9447807543
14.	Dr. Indu I	Asst. Prof.	8754254111
15.	Ms. Reen Paul	Asst. Prof.	9497287073
16.	Ms. Deepthy J	Asst. Prof.	7736742787
17.	Ms. Darsana Vijay	Asst. Prof.	9400528681
18.	Ms. Febina Iqbal	Asst. Prof.	9496337229
19.	Ms. Parvathy A R	Asst. Prof.	9497637395

Technical Staff

1.	Ms. Gibi Thomas	Tech Officer Gr I (Senior Scale)	8547588357
2.	Ms. Sini Mol	Tech Officer Gr I	9633159454
3.	Ms. Lini Mol	Tech Officer Gr I	9895573266
4.	Mr. Ismail I K	Lab Attendant	9846813092
5.	Mr. Shanavas K A	Office Attendant	9946337343

Staff on Contract

6.	Mr Jithin Tomy	Tech Asst. Gr I	9961750977
7.	Mr. Abin E A	Technician Gr I	8907531993
8.	Ms. Shabanas A A	Tech Asst. Gr I	9645862439
9.	Ms. Asha K S	Technician Gr I	9037273629
10.	Ms. Riji K J	Tech Asst. Gr I	9946337343

E 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 Business Analytics and Intelligence. 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 re-accredited by NBA (Tier I) till 2025.

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. Daleesha M Viswanathan (9446218042)

Faculty

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

Faculty on Contract

7.	Ms. Aiswarya P R	Asst. Prof.	7012245311
8.	Mr. Jayadev Sekhar C	Asst. Prof.	8086235666
9.	Ms. Nafsiya C A	Asst. Prof.	9037222420
10.	Ms. Smitha John	Asst. Prof.	9847685622
11.	Ms. Sreejadevi P	Asst. Prof.	8921094827
12.	Ms. Kalyani Sudheep	Asst. Prof.	9495012226
13.	Ms. Lima Johnson K	Asst. Prof.	9746214914
14.	Ms. Noufala T S	Asst. Prof.	8129403042
15.	Ms. Sunu Fathima T H	Asst. Prof.	9605090829
16.	Ms. Ansu Miriam Varkey	Asst. Prof.	9562434327

Technical Staff

1.	Ms. Shiji S H	Technical Officer	9447719625
2.	Mr. Manoj	Lab Attendant	9744036745

Staff on Contract

3.	Ms. Sulfath T K	Tech Asst Gr. I	7909180543
4.	Mr. Rajaneesh S Nath	Tech Asst Gr. I	8438911508

F 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. Saju K K (9895593988)

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	Professor	9495672695
13.	Mr. Joshy P J	Assoc. Prof.	9496904280
14.	Dr. Harikrishnan S	Asst. Prof.	7598306526

Faculty on Contract

15.	Mr. Ayyappan Kutty K M	Asst. Prof.	9961949280
16.	Dr. Elias George K.	Asst. Prof.	
17.	Mr. Faizal P M	Asst. Prof.	9497687628
18.	Mr. Febin M Suresh	Asst. Prof.	9400423898
19.	Mr. Jinu Mathew	Asst. Prof.	9744998255
20.	Mr. Kiran Mukund	Asst. Prof.	9567919458
21.	Mr. Priyadarshi Dutt	Asst. Prof.	9962660449
22.	Mr. Yadhu G.	Asst. Prof.	906120003
23.	Mr. Jineesh M. R.	Asst. Prof.	8301870887
24.	Mr. Rojin Mathews	Asst. Prof.	9495516830
25.	Mr. Emlin V.	Asst. Prof.	8848981253

Technical Staff

1.	Mr. Radhakrishnan K B	Tech Asst Gr III	9961816036
2.	Mr. Fexon Peter	Tech Asst Gr III	9847271256
3.	Mr. Latheesh S	Tech Officer	9846053152
4.	Mr. Prins P V	Technician Gr II	9496451535
5.	Mr. Reji A V	Technician Gr II	9446610224
6.	Mr. Kunju M Illickal	Tech Officer	9747433986
7.	Ms. Soudha K K	Lab Asst.	7356639940

Staff on Contract

8.	Mr. Sandeep M S	Technician Gr I	9895417184
9.	Mr. Vishnu M V	Technician Gr I	8078468987
10.	Mr. Rahul R S	Technician Gr.II	8129123975
11.	Mr. Sunil Raj P R	Tech Asst. Gr.I	9946784522
12.	Mr. Vishnu T V	Technician Gr II	9744770241
13.	Mr. Anandu N P	Tech Asst. Gr.I	8943025522
14.	Mr. Sarath K R	Tech Asst. Gr.I	9567500585
15.	Mr. Sanju Dominic	Technician Gr I	9961700420
16.	Dr. Radhakrishnan PM	Tech Asst. Gr.III	9961816036
17.	Mr. Sreehari K	Technician Gr I	9567685290

G 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. Renjith V R (9447108856)

Faculty

1.	Dr. George Mathew	Professor	9447726194
2.	Dr. Dipak Kumar Sahoo	Professor	9496215851
3.	Dr. Renjith V R	Professor	9447108856

Faculty on Contract

4.	Mr. Anish Job Kurian	Asst. Prof.	8606707991
5.	Ms. Nithya Gopinath	Asst. Prof.	8593939015
7.	Ms. Anju Roy	Asst. Prof.	8547979559
6.	Ms. Lila Bhai T S	Asst. Prof.	9495094252
7.	Mr. Praveen Vijayan	Asst. Prof.	9495201193
8.	Mr. Shyam P N	Asst. Prof.	9496041497
9.	Ms. Sheigha Pappachan	Asst. Prof.	9539466562
10.	Ms. Beena P Nambiar	Asst. Prof.	9633115118
11.	Mr. Karthik Rajeev	Asst.Prof.	8281406045

Technical Staff

1.	Mr. Binoy P. R	Lab Attendant	9446444908
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Staff on Contract

2.	Ms. Revathy Ramesh	Tech. Asst. Gr. I	7356362058
3.	Ms. Remya Rajan	Technician Gr I	9446634969
4.	Mr. Vinod M R	Technician Gr I	9048655063
5.	Mr. Akhil M S	Tech. Asst. Gr. I	9495157716
6.	Ms. Sherin George	Tech. Asst. Gr. I	9633346769

H 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. Dhannia T Professor 9446227207

Faculty on Contract

2. Dr. Jayanthi S Panicker Asst. Prof. 8547209117

3. Ms. Syama John Asst. Prof. 9446771501

Visiting Faculty

4. Ms. Asha Balakrishnan 9946755244

5. Mr. Mahesh Chandran 989562506

6. Ms. Jolly C 8289998360

7. Dr. Jalaja P 9446607406

8. Dr. Asha Mary John 9446495546

9. Ms. Nandini J 9656005561

10. Ms. Arvinder Kaur 9495991773

11. Ms. Sreeja N 9846706778

12. Ms Renjusha Nair 8086813389

X INSTITUTE INNOVATION COUNCIL

Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs).

IIC SOE, CUSAT was established in the academic year 2021 by the Head of the Institution, Prof. (Dr) George Mathew. The President of the IIC SOE chapter is Prof. (Dr) K.K Saju. We have participated in IIC 3.0, 4.0 , 5.0 IIC 6.0 is currently running in this academic year 2023-24.

S.No.	Faculty	Role
1.	Dr. Saju K.K.	President
2.	Dr. Shelbi Joseph	Convenor
3.	Ms. Sariga Raj	Innovation Activity Coordinator
4.	Mr. Premkumar C. V.	ARIIA Coordinator
5.	Dr. Sheena Mathew	Start up Activity Coordinator
6.	Dr.Gireesh Kumaran Thampi B.S.	Internship Coordinator
7.	Dr. Santhoshkumar M.B.	IPR activity Coordinator
8.	Dr. Roy M Thomas	Social Media Coordinator
9.	Dr. Narayanan Namboothiri	NIRF Coordinator
10.	Dr. Parvathy A R	Member
11.	Ms. Deepthy J.	Member
12.	Dr. Reshma K. Jayan	Member
13.	Dr. Shankar M P.	Member
14.	Mr. Shyam P. N.	Member
15.	Mr. Jayadev Sekhar C.O.	Member
16.	Ms. Ashida Muhammed	Member
17.	Ms. Junaijith K A.	Member
18.	Ms. Amrutha S. Nair	Member
19.	Mr. Emlin V.	Member

XI 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. 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. Gireeshkumaran Thampi B.S. The School has nearly 70% placement for its final year students. Nearly 50 to 70 companies are visiting the campus for placement activities.

For further details contact,

Cheif Placement Officer

Dr. Gireeshkumaran Thampi B.S.

Professor, Mechanical Engineering

Mobile : 9447054074

Placement Cell Office : 0484 2862400 / 0484 2477794

email : cpo@cusat.ac.in

Website : <http://cpo.cusat.ac.in/>

XII 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

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

Advisory Committee

Chairman Hon'ble Vice Chancellor,
CUSAT

Coordinator Dr.Sasi Gopalan,
Professor, Department of Mathematics,
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

XIII 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 Dr. Dipak Kumar Sahoo, Principal SoE, Secretary Dr. M R Radhakrishna Panicker, Vice President Joju Ignatious and Joint Secretary Sri. Thalath Sulthan. 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. Dipak Kumar Sahoo	President	9496215851
2.	Dr.M R Radhakrishna Panicker	Secretary	9447411827
3.	Joju I Ignatious	Vice President	9400527171
4.	Sri. Thalath Sulthan	Joint Secretary	9446235344

XIV 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 on software platform.

website: www.soecusat.in

For further details contact, the Secretary,

Patron:	Principal
President:	Mr. Padma Kumar Mob: 8304035089 email: pappus@gmail.com
Secretary :	Mr. T S Sudheesh, email: ss.pillachan@gmail.com
Treasurer :	Mr. Karthik Rajeev Mob : 8281406045
Faculty Coordinators:	
Dr. Biju N, Professor, Mechanical Engg. Mob : 9496215993	Dr. Sudheep Elayidom, Professor, Computer Sc. & Engg. Mob : 9895049399

XV SCHOOL OF ENGINEERING - ADMINISTRATION

Students may contact the following sections for various purposes.

Section A (Phone: 0484 286 2035)

email: soeasection@gmail.com

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, 0484 254 4745)

email: soebcusat@gmail.com

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, 0484 255 7405)

email: soeccusat@gmail.com

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. Jayakumar M R Asst. Registrar 04842862033

Pool Office

2. Prakash Babu Pool Officer 04842862034
3. Jasmi P. S. Section Officer (Hr.Gr.)
4. Gopalakrishnan G Clerical Asst.
5. Rejani Sreedharan Photocopier &
Duplicator Operator
6. Noushad Clerical Assistant
7. Sijimol Office Attendant

SoE 'A' Section

1. Rakhee P. Section Officer 04842862035
2. Reena T N Asst. Section Officer
3. Rintoo Divakaran Asst. Section Officer
4. Dhanya . Asst. Section Officer
5. Sudheer K M Office Attendant

SoE 'B' Section

1. Shabna Mohammed Section Officer 04842862032
Kunju
2. Smitha Sudhakaran Asst. Sec. Officer
3. Johnson K A Sr. Gr. Assistant
4. Swathy Krishna P S Sr. Gr. Assistant
5. Varun C V Assistant
6. Sajeev Kumar Driver Sr. Gr.
7. Abdul Gaffoor Office Attendant

SoE 'C' Section

1. Binee Xavier Section Officer 04842862031
2. Thulasi Das Asst. Sec. Officer
3. Anup Rajan Assistant
4. Duithy George Assistant
5. Siji M K Computer Assistant
6. Suman P S Office Attendant

Library

1. Dr. Surendran Cherukodan Assistant Librarian
2. Mr. Sarocky Nelson Junior Librarian
3. Mr. Rajan S Library Assistant
4. Mr. Vijayan K A Library Assistant
5. Mr. Sumith S M Prof. Asst. Gr. II
6. Ms. Sheelamole V Office Attendant

XVI ACADEMIC CALENDAR 2023-24

Declared Holidays at a Glance

1.	Karkidaka Vaavu	July-17-2023
2.	Muharam	July-28-2023
3.	Independence Day	Aug-15-2023
4.	Onam Vacation*	Aug-25-2023 (FN onwards) to Sep-03-2023 (AN)
5.	First Onam	Aug-28-2023
6.	Thiruvonam	Aug-29-2023
7.	Third Onam	Aug-30-2023
8.	Sree Narayana Guru Jayanthi	Aug-31-2023
9.	Sreekrishna Jayanthi	Aug-06-2023
10.	Sree Narayana Guru Samadhi	Sep-22-2023
11.	Milad-i-Sherif	Sep-27-2023
12.	Gandhi Jayanthi	Oct-02-2023
13.	Mahanavami	Oct-23-2023
14.	Vijayadasami	Oct-24-2023
15.	Deepavali	Nov-12-2023
16.	Christmas Vacation*	Dec-24-2023 (FN onwards) to Jan-02-2024 (AN)
17.	Christmas	Dec-25-2023
18.	Mannam Jayanthi	Jan-02-2024
19.	Republic Day	Jan-26-2024
20.	Maha Sivaratri	Mar-08-2024
21.	Maundy Thursday	Mar-28-2024
22.	Good Friday	Mar-29-2024
23.	Easter	Mar-30-2024
24.	Eid-ul-Fitr	Apr-10-2024
25.	Ambedkar Jayanthi	Apr-14-2024
26.	Vishu	Apr-14-2024
27.	Eid-ul Ad'ha	Jun-17-2024

*Vacation from academic activities. Office will be working on days other than declared holidays, 2nd and 4th Saturdays and Sundays .

Academic Calendar 2023 - 2024

July 2023

Date	Day	Description
1	Saturday	
2	Sunday	
3	Monday	
4	Tuesday	
5	Wednesday	
6	Thursday	
7	Friday	
8	Saturday	
9	Sunday	
10	Monday	
11	Tuesday	
12	Wednesday	
13	Thursday	
14	Friday	
15	Saturday	
16	Sunday	
17	Monday	Karkidaku Vaavu
18	Tuesday	
19	Wednesday	
20	Thursday	
21	Friday	End of B.Tech. 6th sem classes
22	Saturday	
23	Sunday	
24	Monday	
25	Tuesday	
26	Wednesday	
27	Thursday	End of B.Tech. 4th sem classes
28	Friday	Muharram
29	Saturday	
30	Sunday	
31	Monday	

August 2023

Date	Day	Description
1	Tuesday	
2	Wednesday	
3	Thursday	B.Tech Sem 6 Exams commences
4	Friday	
5	Saturday	
6	Sunday	
7	Monday	
8	Tuesday	
9	Wednesday	
10	Thursday	B.Tech Sem 4 Exams commences
11	Friday	
12	Saturday	
13	Sunday	
14	Monday	
15	Tuesday	Independence Day
16	Wednesday	B.Tech Sem 7 classes commences
17	Thursday	
18	Friday	
19	Saturday	
20	Sunday	
21	Monday	
22	Tuesday	
23	Wednesday	End of B.Tech. 2nd sem classes
24	Thursday	
25	Friday	Onam vacation commences
26	Saturday	
27	Sunday	
28	Monday	First Onam
29	Tuesday	Thiruvonam
30	Wednesday	Third Onam
31	Thursday	Sree Narayana Guru Jayanthi

September 2023

Date	Day	Description
1	Friday	
2	Saturday	
3	Sunday	
4	Monday	B.Tech 5th Sem classes commences
5	Tuesday	B.Tech Semester 2 Exams commences
6	Wednesday	Sree Krishna Jayanthi
7	Thursday	
8	Friday	
9	Saturday	
10	Sunday	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	
22	Friday	Sree Narayana Guru Samadhi
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	Milad-e-Sherif
28	Thursday	
29	Friday	
30	Saturday	

October 2023

Date	Day	Description
1	Sunday	
2	Monday	Gandhi Jayanthi
3	Tuesday	Commencement of B.Tech Sem III classes
4	Wednesday	
5	Thursday	
6	Friday	
7	Saturday	
8	Sunday	
9	Monday	
10	Tuesday	
11	Wednesday	
12	Thursday	
13	Friday	
14	Saturday	
15	Sunday	
16	Monday	
17	Tuesday	
18	Wednesday	
19	Thursday	
20	Friday	
21	Saturday	
22	Sunday	
23	Monday	Mahanavami
24	Tuesday	Vijayadasami
25	Wednesday	
26	Thursday	
27	Friday	
28	Saturday	
29	Sunday	
30	Monday	
31	Tuesday	

November 2023

Date	Day	Description
1	Wednesday	
2	Thursday	
3	Friday	
4	Saturday	
5	Sunday	
6	Monday	
7	Tuesday	
8	Wednesday	
9	Thursday	
10	Friday	
11	Saturday	
12	Sunday	Deepavali
13	Monday	
14	Tuesday	
15	Wednesday	
16	Thursday	
17	Friday	
18	Saturday	
19	Sunday	
20	Monday	
21	Tuesday	
22	Wednesday	
23	Thursday	
24	Friday	
25	Saturday	
26	Sunday	
27	Monday	
28	Tuesday	
29	Wednesday	
30	Thursday	End of B.Tech 7th sem classes

December 2023

Date	Day	Description
1	Friday	
2	Saturday	
3	Sunday	
4	Monday	
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	B.Tech 7th sem exams commences
9	Saturday	
10	Sunday	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	End of B.Tech 5th sem classes
22	Friday	End of B.Tech 3rd sem classes
23	Saturday	Christmas vacation commences
24	Sunday	
25	Monday	Christmas
26	Tuesday	
27	Wednesday	
28	Thursday	
29	Friday	
30	Saturday	
31	Sunday	

January 2024

Date	Day	Description
1	Monday	
2	Tuesday	Mannam Jayanti
3	Wednesday	Reopening after Christmas vacation Commencement of B.Tech 8th Sem Classes & 5th Sem Exams
4	Thursday	B.Tech. 3rd Sem Exams commences
5	Friday	
6	Saturday	
7	Sunday	
8	Monday	
9	Tuesday	
10	Wednesday	
11	Thursday	
12	Friday	
13	Saturday	
14	Sunday	
15	Monday	
16	Tuesday	
17	Wednesday	B.Tech 6th sem classes commences
18	Thursday	
19	Friday	
20	Saturday	
21	Sunday	
22	Monday	B.Tech 4th Sem classes commences
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	Republic Day
27	Saturday	
28	Sunday	
29	Monday	
30	Tuesday	
31	Wednesday	

February 2024

Date	Day	Description
1	Thursday	
2	Friday	
3	Saturday	
4	Sunday	
5	Monday	
6	Tuesday	
7	Wednesday	
8	Thursday	
9	Friday	
10	Saturday	
11	Sunday	
12	Monday	
13	Tuesday	
14	Wednesday	
15	Thursday	
16	Friday	
17	Saturday	
18	Sunday	
19	Monday	
20	Tuesday	
21	Wednesday	
22	Thursday	
23	Friday	
24	Saturday	
25	Sunday	
26	Monday	
27	Tuesday	
28	Wednesday	
29	Thursday	

March 2024

Date	Day	Description
1	Friday	
2	Saturday	
3	Sunday	
4	Monday	
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	Shivaratri
9	Saturday	
10	Sunday	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	
22	Friday	
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	Maundy Thursday
29	Friday	Good Friday
30	Saturday	
31	Sunday	EASTER

April 2024

Date	Day	Description
1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	Sunday	
8	Monday	
9	Tuesday	
10	Wednesday	Eid-ul-Fitr End of B.Tech 8th Sem classes
11	Thursday	
12	Friday	
13	Saturday	
14	Sunday	Ambedkar Jayanthi, Vishu
15	Monday	
16	Tuesday	
17	Wednesday	Commencement of B.Tech 8th sem exams
18	Thursday	
19	Friday	
20	Saturday	
21	Sunday	
22	Monday	
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	
27	Saturday	
28	Sunday	
29	Monday	
30	Tuesday	End of B.Tech 6th & 4th sem classes

May 2024

Date	Day	Description
1	Wednesday	May Day
2	Thursday	
3	Friday	
4	Saturday	
5	Sunday	
6	Monday	
7	Tuesday	
8	Wednesday	Commencement of B.Tech 6th Sem Exams
9	Thursday	
10	Friday	
11	Saturday	
12	Sunday	
13	Monday	
14	Tuesday	
15	Wednesday	Commencement of B.Tech 4th Sem Exams
16	Thursday	
17	Friday	
18	Saturday	
19	Sunday	
20	Monday	
21	Tuesday	
22	Wednesday	
23	Thursday	
24	Friday	
25	Saturday	
26	Sunday	
27	Monday	
28	Tuesday	
29	Wednesday	
30	Thursday	
31	Friday	

XVII 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
	Railway Station	
7.	Alwaye	0484 2630141
8.	Ernakulam Junction (South)	0484 2376430
9.	Ernakulam Town (North)	0484 235198
	KSRTC	
10.	Ernakulam	0484 2372033
11.	Volvo	9447577119
	Police	
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.	Kinder Hospital	9746600600
24.	Sunrise Hospital	0484 2428913
25.	Cochin Medical Center	0484 2754000



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Kerala, India

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