Department of Technical Education
Alagappa Chettiar Government college of Engineering and Technology,
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FEEDBACK ANALYSIS-2022-23

The Feedback is regularly collected from all the stakeholders - Students, Teachers, Parents, Alumni and Employers. The feedback of the stake-holders are collectively analysed by the committee along with the respective departments' faculty members. The recommendations of the committee will be submitted to the Board of Studies and Academic Council for further discussion and approval.

Analysis of feedback collected from the stake holders through online Google form.

A. STUDENTS FEEDBACK -2022-23

The consolidated report of students feedback on curriculum are summarised below.

1. Overall Response of Students

Number of students submitted feedback - 476

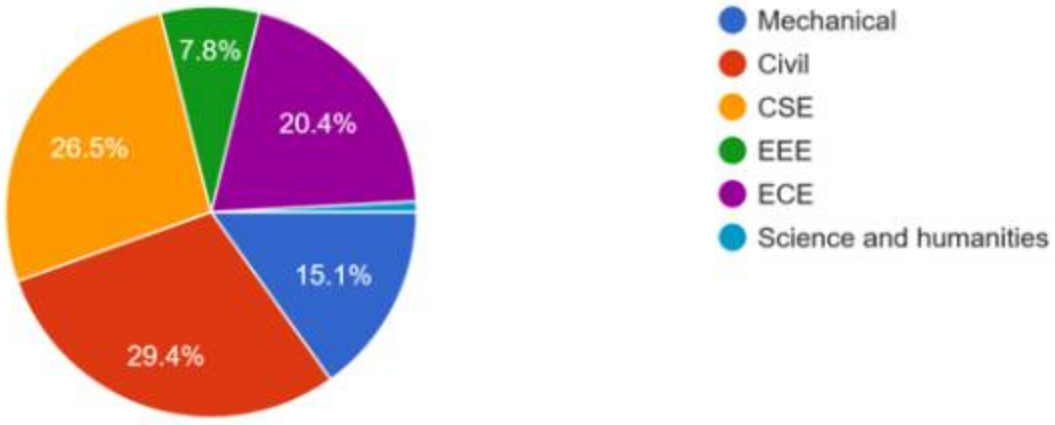

Figure 1: The percentage of students submitted feedback department wise.

2. Demanding Nature of Syllabus

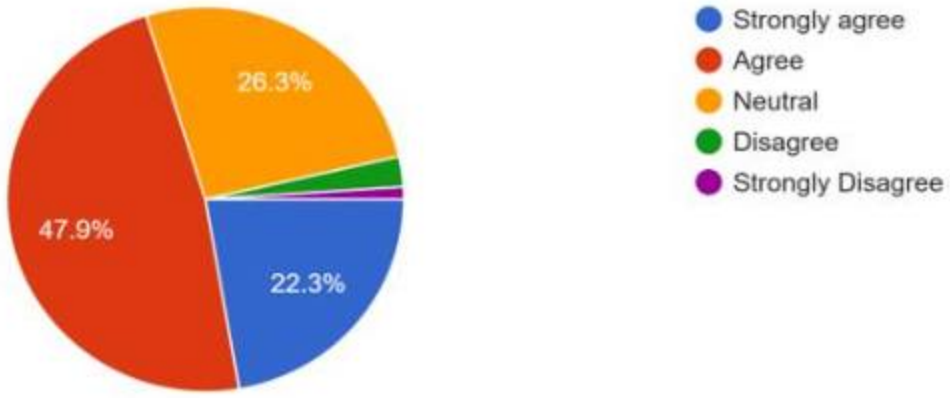

Figure 2 : 70.2 % of the students agreed, the nature of syllabus is demanding

3. Course Outcomes of the Syllabus

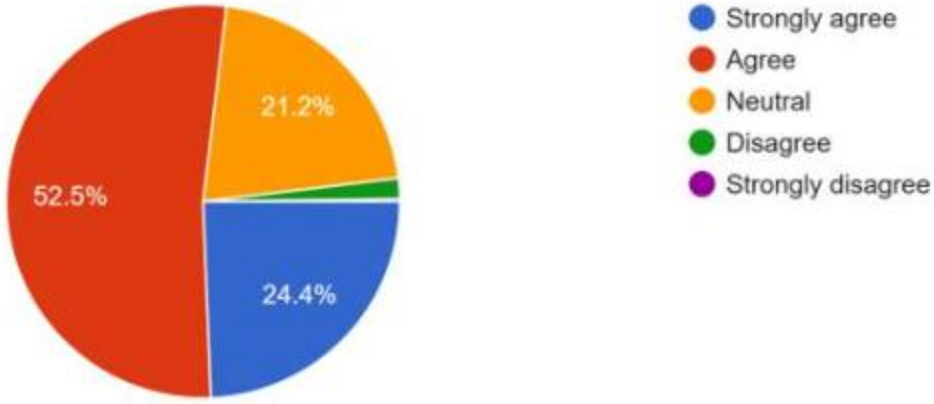

Figure 3: The depth of the courses are aligned with course outcomes confirmed by 76.9 % of students

4. Course Credits

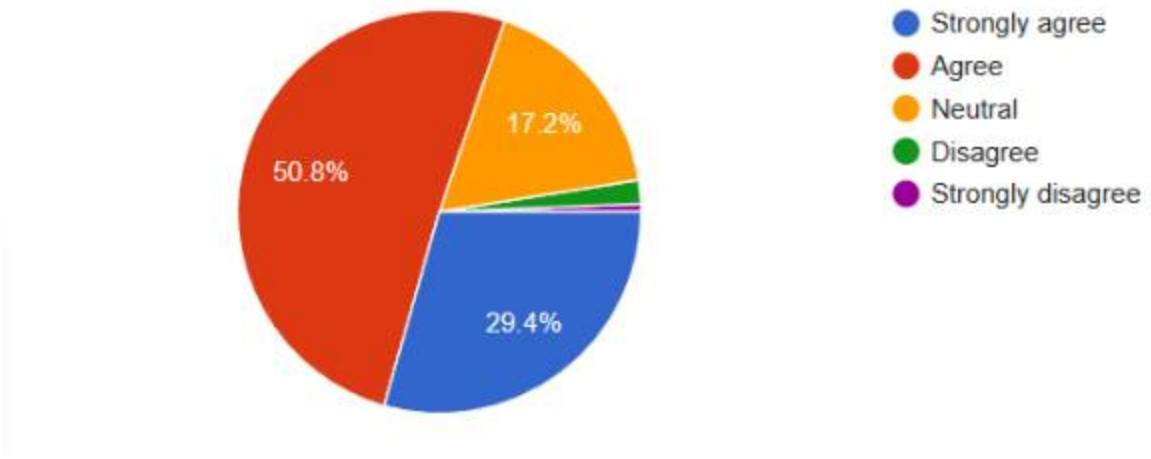

Figure 4: The course credits are assigned according to the difficult nature of the course. (80.2 % of students agreed)

5. Syllabus covered by the Teacher

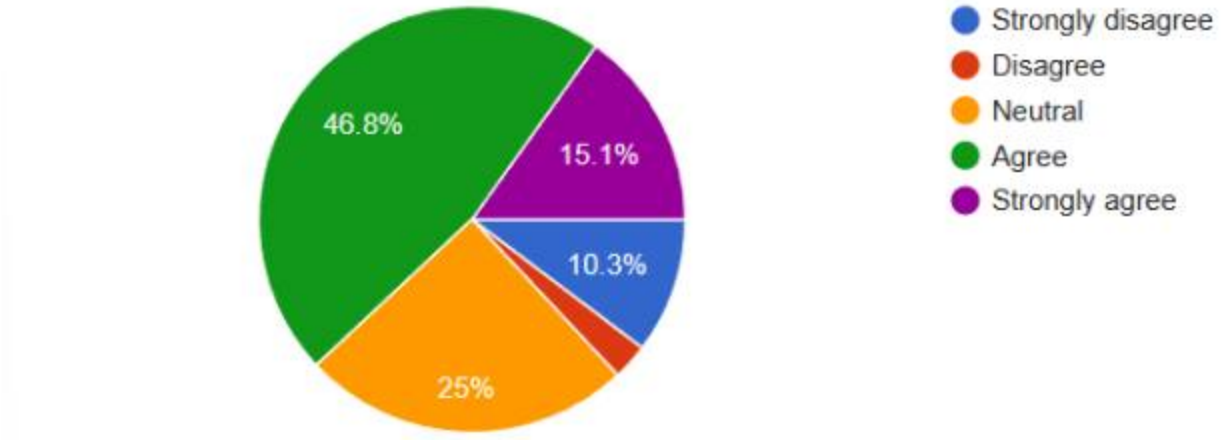

Figure 5: 57.1 % of students agreed that the teachers covered entire syllabus.

6. Skill need for the Industry

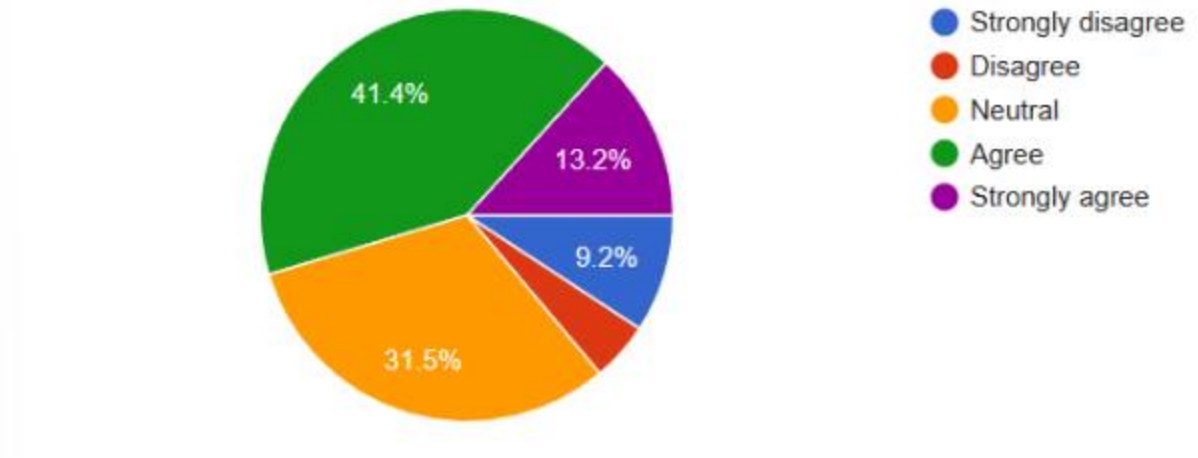

Figure 6: 50.6 % of students endorsed that the syllabus providing necessary industry skills.

7. Nature of Elective Courses

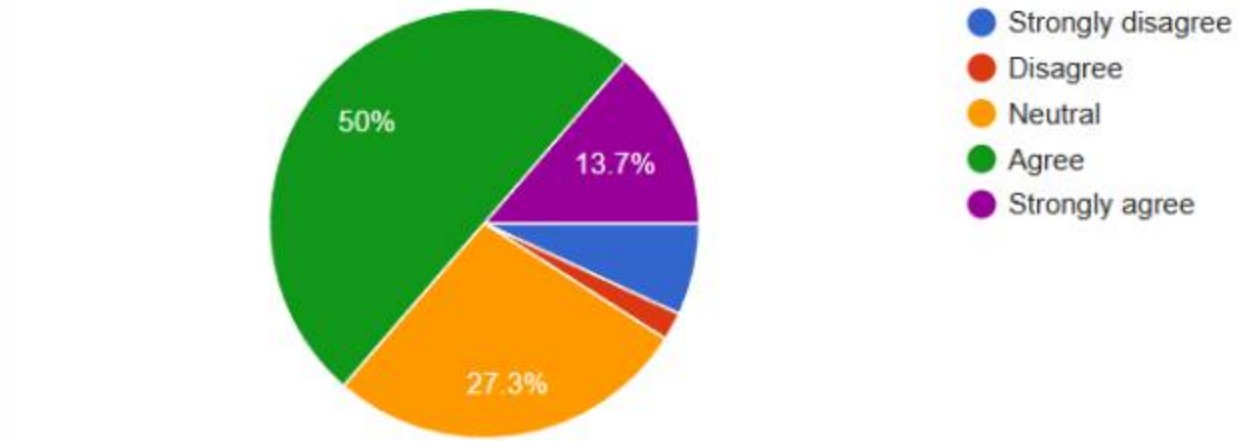

Figure7: 63.7 % of students confirmed that the elective courses are align with the particular programme and technology stream.

8. Nature of Laboratory Exercises.

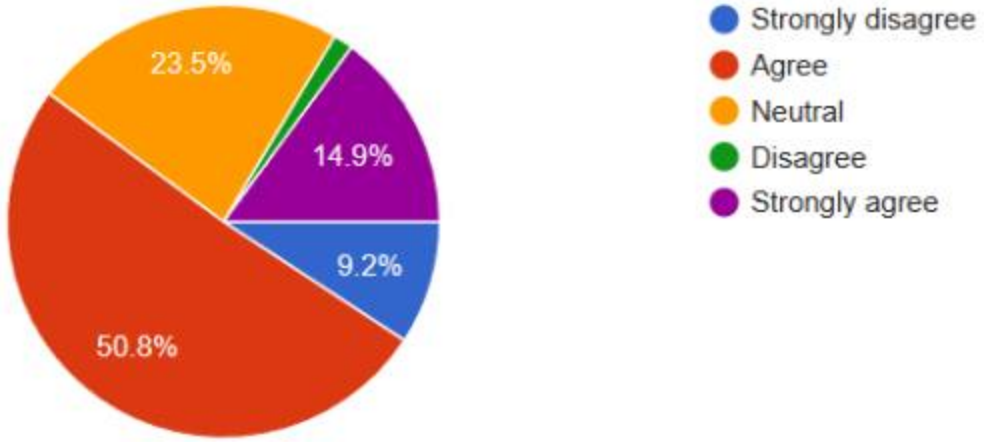

Figure 8 : 60 % of students confirmed that the laboratory experiments are used to enhance the understanding the theory concepts and improves their ability.

9. Placement and Symposium

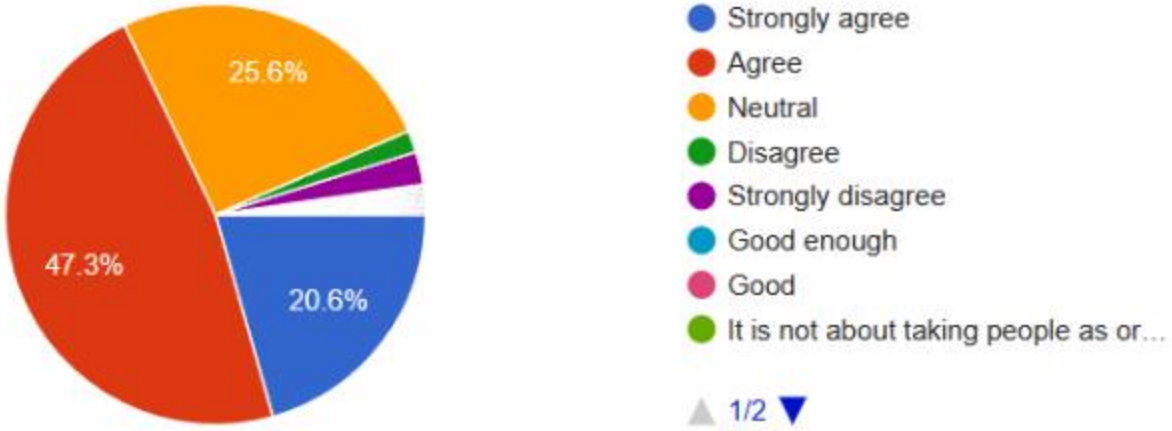

Figure 9 : 67.9% of students agreed that the placement and symposiums activities are at the level of expectations.

10. Career Oriented Syllabus

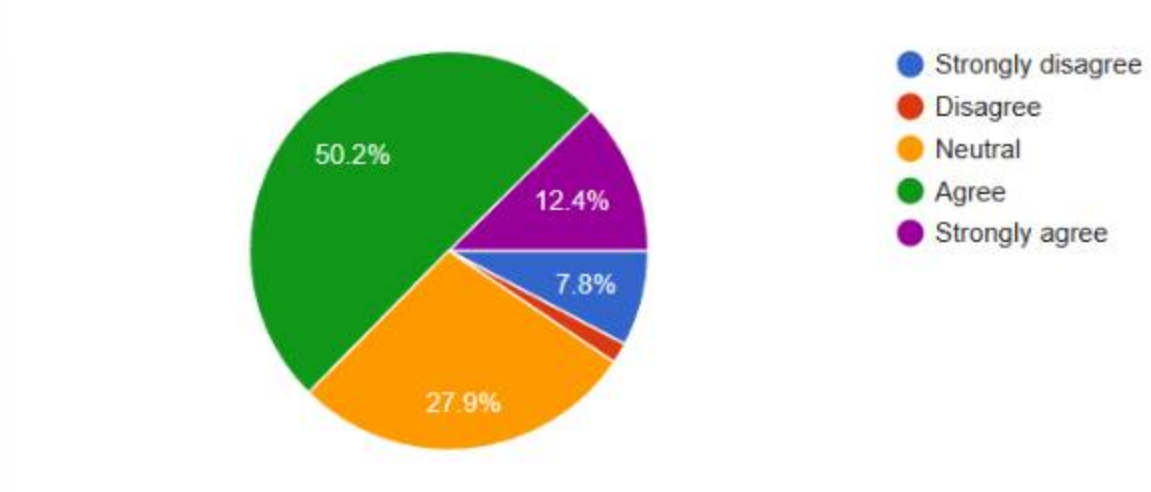

Figure 10 : 58% of students agreed that the are syllabus is career oriented

B. PARENTS FEED BACK -2022-23

1. Number of Parents submitted Feedback.

Number of Respondents -344

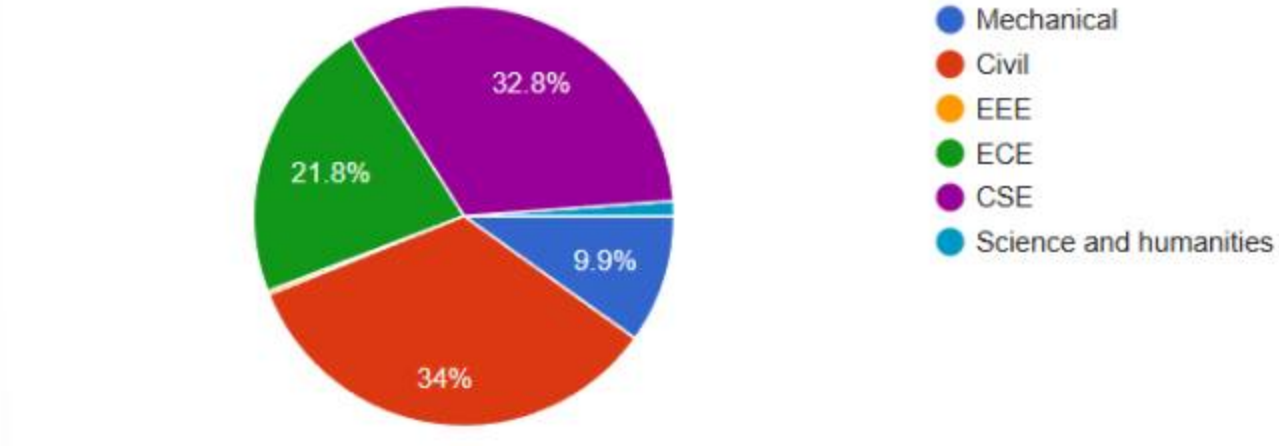

Figure 1 : Percentage of Parents responded with respect to their wards are studying in the institution department wise.

2. Ambiance of the Institution

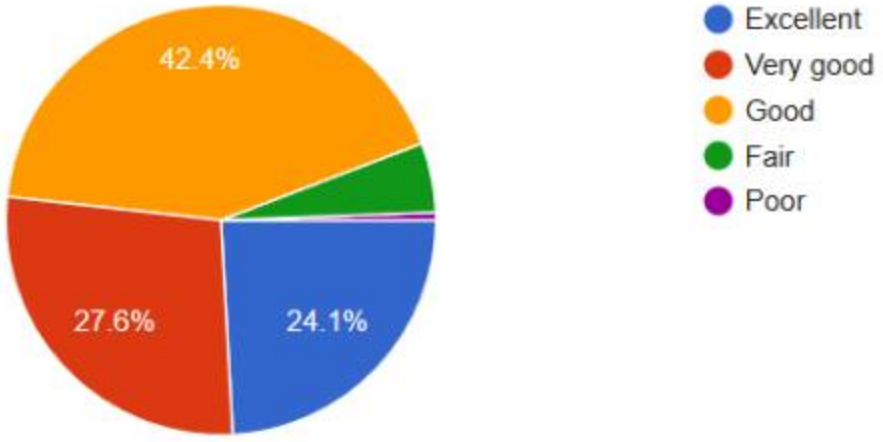

Figure 2: 94.1% Percentage of Parents rated the ambiance of the institution is good.

3. Career Orientation

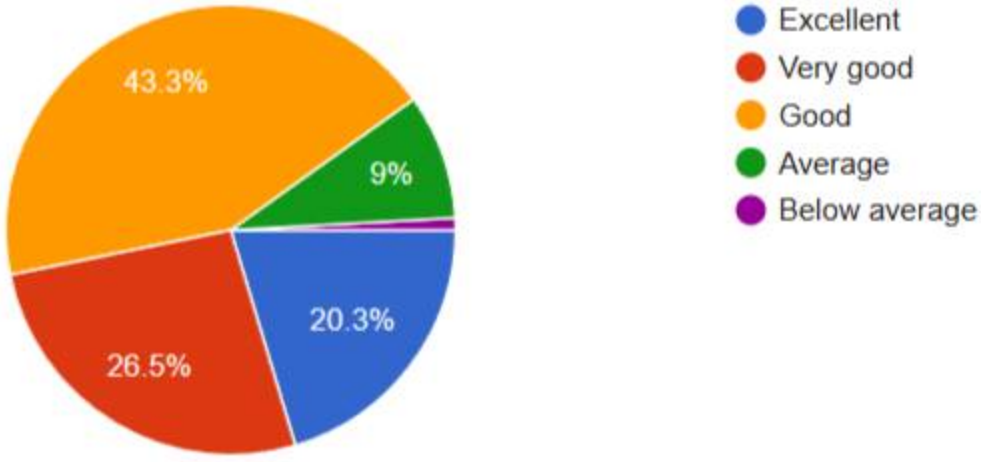

Figure 3 : 90.1 % of parents satisfied with institution initiatives for their wards career orientation.

4. Approach Institution Officials

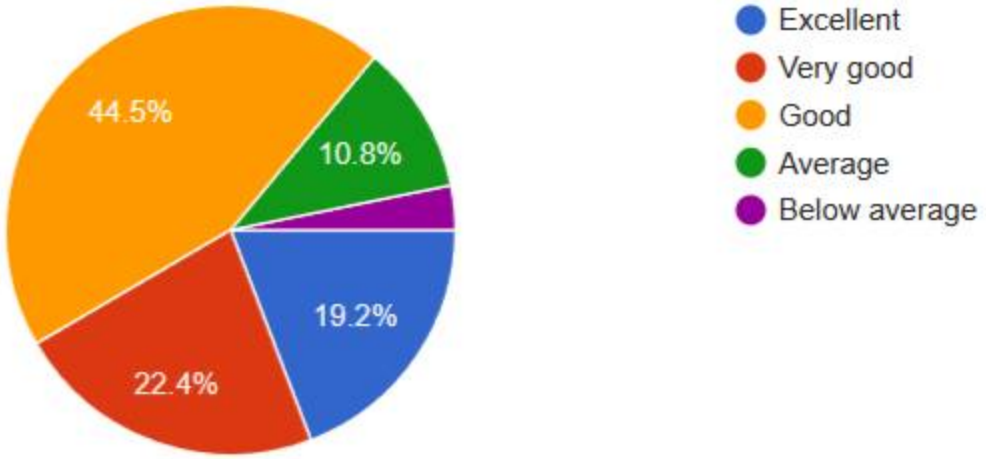

Figure 4 : 86.1 % of parents satisfied with approach with the institution regarding any queries.

5. Hostel Facilities

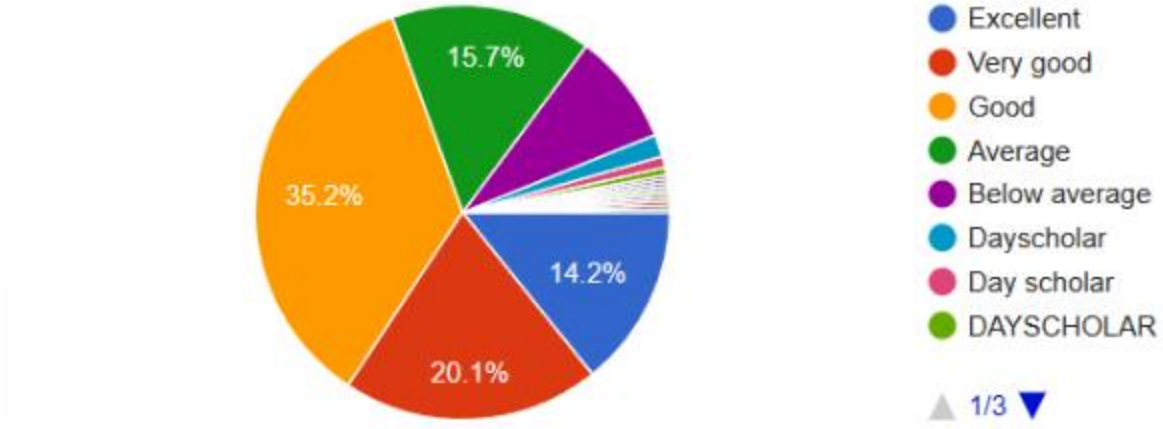

Figure 4 : 69.5% of parents rated the hostel facilities as good.

C. Course Teacher Feedback

1. Number of Respondents -28

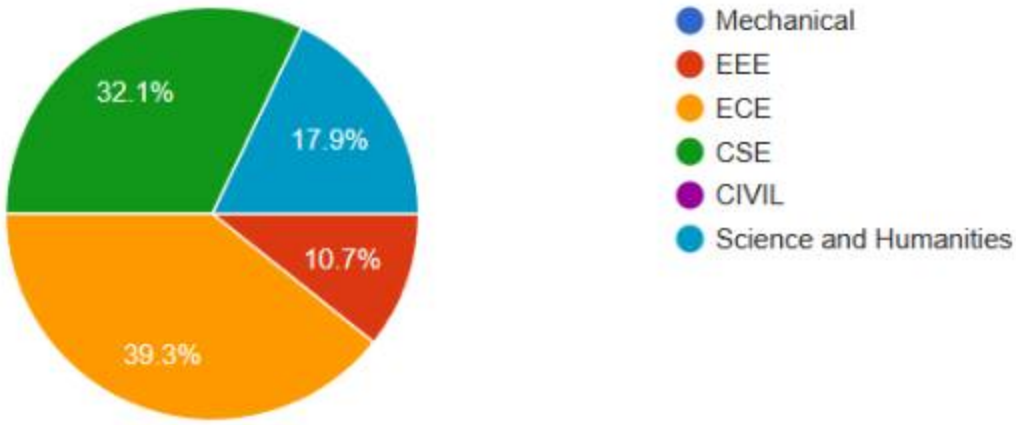

Figure 1: Teachers response with department wise.

2. Course relevance with Industry

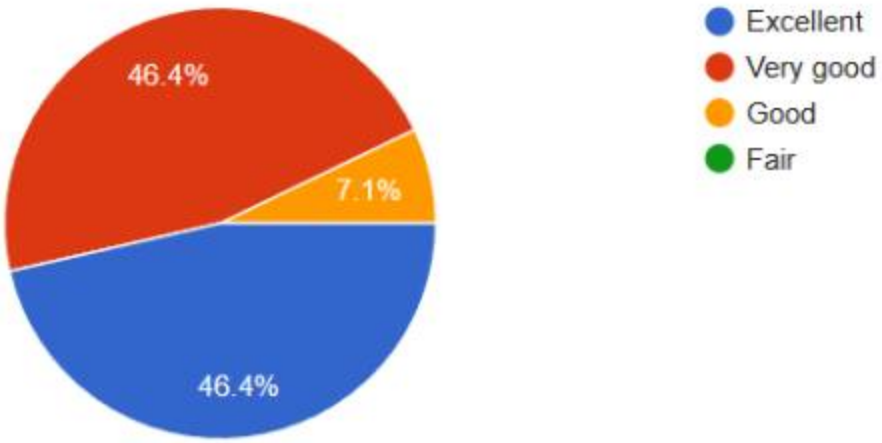

Figure 2 : All teachers are responded with the course is relevance with industry/ societal needs

3. Proficiency level of Students in Prerequisites

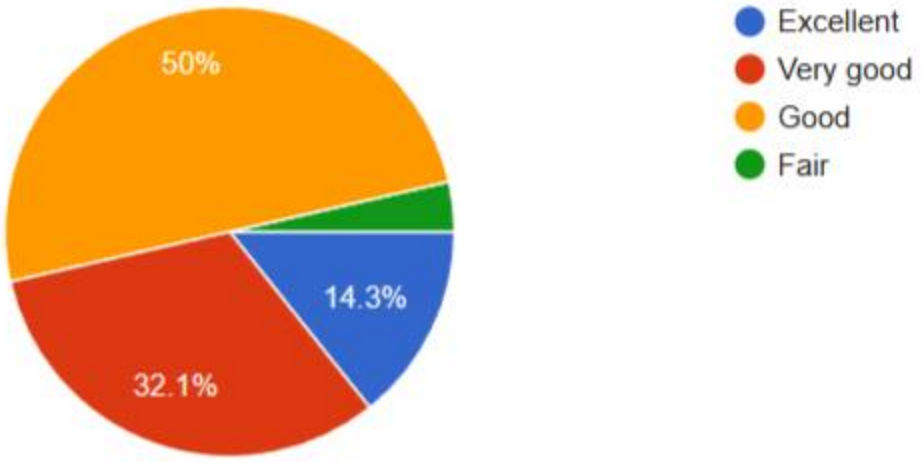

Figure 3 : All teachers are satisfied with students prerequisite

4. Course design of higher order thinking

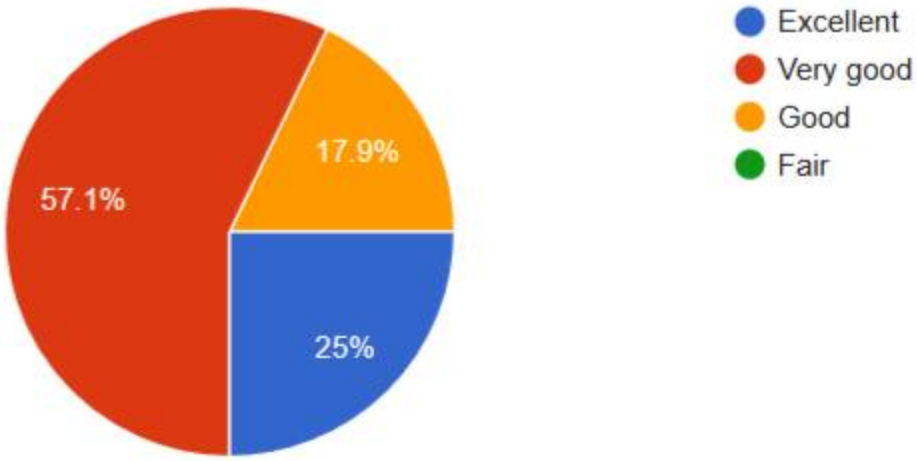

Figure 4 : All teachers are endorsed the courses incorporated with higher orderthinking.

5.Design Thinking of Course Content

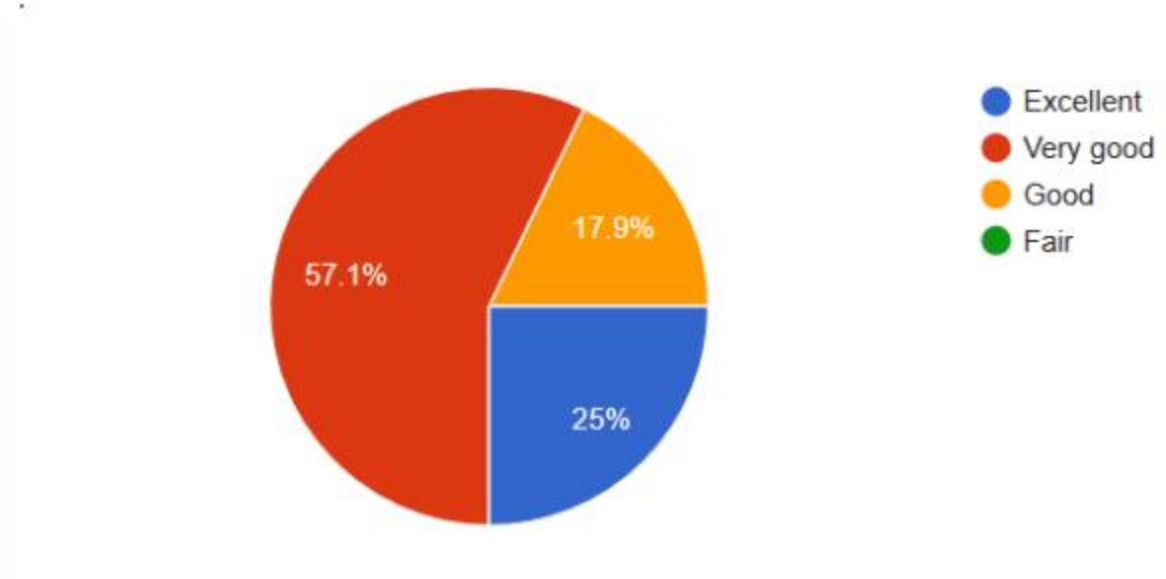

Figure 5 : All of courses are prepared with design capablity .

D. **Alumini Feedback**

1. **CBCS is align with Emerging Trends.**

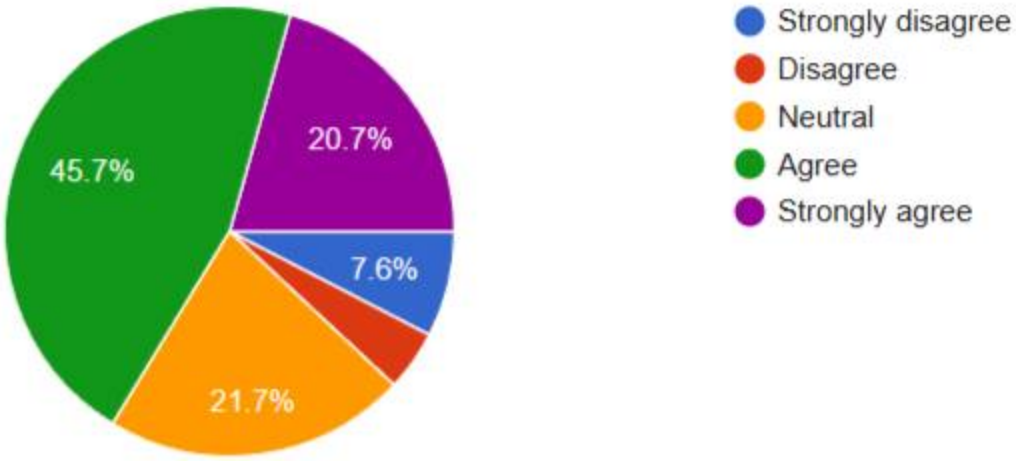

Figure1: 66.4 % of alumni endorsed the CBCS system is align with emerging trends.

2. Programme satisfy the Workplace Requirement

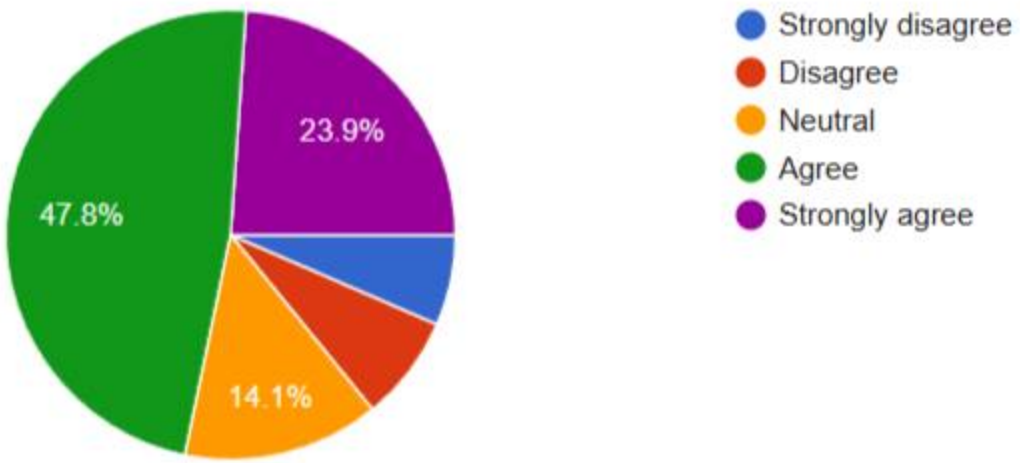

Figure2: 71.9 % of Alumni agreed that the curriculum fulfil the workplace requirements.

3. Learning Environment of the Campus.

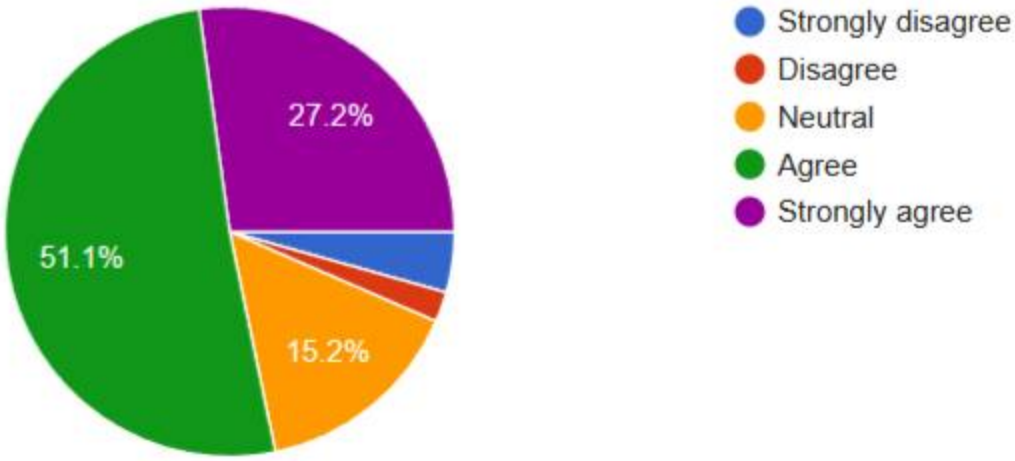

Figure3: Overall learning environment of the campus is good.

4. Internship / Projects .

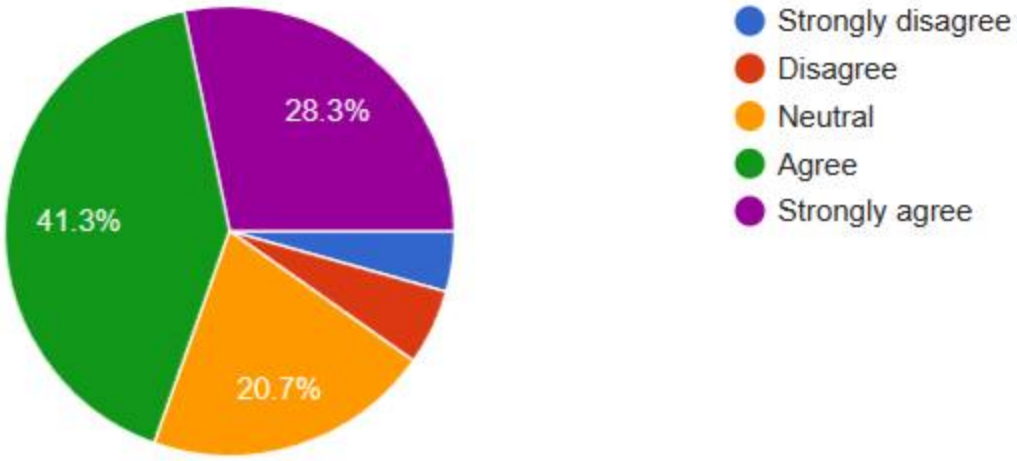

Figure 4: Alumni endorsed the Internship and Projects are constructive and challenging

5. Programmes Offered

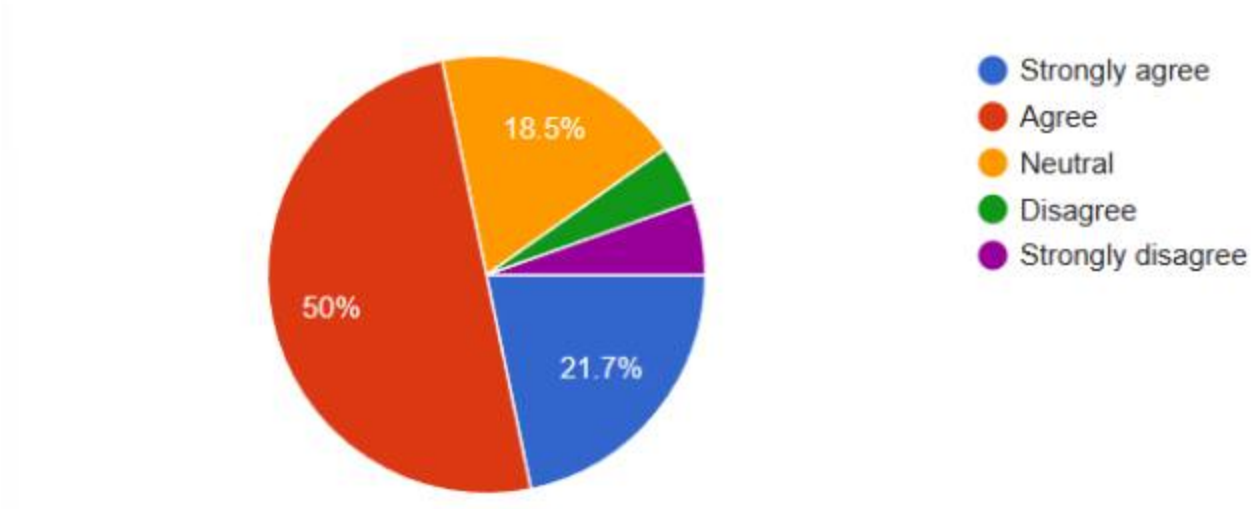

Figure 5: Alumni accepted that the offered programmes are demanding in nature

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Action Taken Report on Feedback Analysis - 2022-2023

After collecting the feedback from the stack holders, the suggestions of the stack holders have been analysed at department level and recommended to Board of Studies and Academic Council for the suitable implementation.

S.No	Stake holder	Notable Suggestions	Action taken
1	Students CSE	• Data science is the emerging field in the current technology. So, kindly add beginner to pro level depth content in the Artificial intelligence , machine learning and deep learning. • The Labs to improve Practical knowledge like cybersecurity, Networks lab should be included in the curriculum. • Add more Emerging Fields like cloud computing , data science etc. • Removal of subjects like COA ,which is too difficult to learn in II nd year and it's better to add cloud computing. • Could remove subjects that don't have any practical implementations as well as the subjects which are not helpful for future or placements. • Instead of theory subjects ,new technologies or languages like node js, etc can be added. • Basic hardware related subjects belonging to Computer Science Discipline can be added • The subjects can be more practical ,that means Theory cum Lab	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.

		subjects must be introduced in the curriculum. • The courses Related to the Fields of Block Chain technology can be added as they are in peak nowadays as well as in future too. • Subjects from Other Departments like Analog and Digital communications should be removed from the curriculum which were not useful in any form. • Instead of theory subjects alone, projects can be assigned to each student based on their interests. • The lab for implementing the GoF Design Patterns with real time scenarios can be added. • The regulations can be revised every year and new subjects can be included and some subjects can be removed if any. This will help not to wait for 4 years of duration for updation of new regulations.	
2	Parents (CSE)	• to explore more project ideas • Approaching students better way • Take measures to improve English communication • It should be more strict. • providing extra courses. • In placement side it helps the students, By improving more placement support and conducting placement related activities • By adding some extra technical courses • Could initiate and support students to gain more outside exposure of the industry • By arranging the meeting with popular MNC's with student for placements. • The college building is too far from hostel.	Actions are taken to improve placement percentage by conducting programs with alumni to improve skills of students. More campus drives are conducted, which increases the placement percentage. Students are encouraged to do internships in companies to develop technical skills. Every year the government of Tamilnadu is

		• By giving industrial related practical works other than theory papers, make them to work on projects on their own and give some credits to that by reducing theory exams. Because most of the company believes in their own skill set not their marks. • Give more placements training and reduce theory subject by giving more practical or real time projects work. • Make Syllabus industry relevant. • They give some meetings regarded the placement • Food quality must be improved. The food is not adequate to the mess fees we pay. • connecting students with industry professionals and provide additional resources for career development, such as workshops and internship • By changing rules relevant to the time. • Encourage other development activities •	sponsoring 41,15,000₹ for sending students to internships through special schemes.
3	Alumni (CSE)	• Try to implement any coding events via club oftenly so that students will get used to it. It will increase their problem solving skills. Morethan learning programming language, ask them to focus more on problem solving and project building • Subjects can be improved so that it can meet the current IT requirements. • Adding Subjects for Data science or analytics, AI and ML may provide more career idea to students • Industry oriented experience and training can be included as part of the course.	Coding events are conducted as club activities and association activities. New subjects are added in the R2022 as per the need of current trend in companies. Students are encouraged to do internships in companies to develop technical skills. Every year the government

		• Add extra programming sessions • I don't think CBCSS is fully used .It wasn't like we can take a course of interest or anyone.Justlike basically decided.One of the reasons may be lack of staffs in the particular subject.Other option for this NPTEL course though it's difficult to done it might be a valid option . Even for those course we can't get credit if it not upto the standard.So I think there must be a regulation for that so that neither the students abuse it not the staffs.I hope this review might help you. •	of Tamilnadu is sponsoring 41,15,000₹ for sending students to internships through special schemes. Students are encouraged to NPTEL courses and are allowed to replace open elective credits with NPTEL credits.
4	Facilitator (CSE)	• At least 2 Tutorial classes for this course can be included in the curriculum • Simple implementation problems can be specified.	Tutorial classes are added to problematic subjects in R2022 curriculum.
5	Students (ECE)	• Addition of extra courses related to the Field of ECE must be included in the curriculum. • Courses related to IOT ,Embedded systems , etc.. need to be added in the syllabus. • Some programming papers can be added During final year of the degree. • Courses like C/C++ should be added to the departments curriculum. • More practical and modern courses can be introduced which can be industry efficient . • Programming courses can be added to the department. • The number of courses for ECE is large. Kindly reduce them and add more practical courses.	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.

		• Add some real-time applicable courses like • IOT , ZigBee , WIFI ,GSM . • And remove out dated courses like MPMC ,etc. • The subjects like Algorithms, AI and java canh be added. • Since ECE students also opt for It related jobs ,kindly add any CS related papers. • Projects development courses on Analog Circuits can be included. •	
6	Parents (ECE)	• Helping in developing career side • Provide industrial training during academic • Avail some free resource for learning • Train the students with advanced technology • Advanced and industrial oriented technology implement in your curriculum • Add GATE preparation and in the academic schedule • Take all students in all even semesters to Industrial Visit in Government fund • To give good education and discipline for students and they attain their goal in future • I would like you to provide a comprehensive report regarding the progress and development of my child. • Placement activities improvement • It can provide some extra and co curricular activities • It will be better to have more practical oriented classes for the students • Placement related to core domain can be improved • Give more recruitment companies	Arranged for a training program on competitive exams for students. Students are encouraged to do internships in companies to develop technical skills. Every year the government of Tamilnadu is sponsoring 41,15,000₹ for sending students to internships through special schemes. Actions are taken to improve placement percentage by conducting programs with alumni to improve skills of students. More campus drives are conducted, which increases the placement percentage.

		for placement • Can take initiatives regarding GATE and core placement preparation within our Department. • Improve hostel environment • Improve some courses with hands-on program • Mentor classes can be conducted very strictly without borrowing it for syllabus completion. • Maintenance of infrastructure can be improved	Steps are taken to conduct mentor classes regularly. Every 20 students are assigned mentor and mentor meeting is conducted once in every 15 days.
7	ALUMNI (ECE)	• Need to provide some more programming and AI related courses.	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.
8	Students (EEE)	• courses related to AI and machine learning can be added in the syllabus. • It is better to add CADD like designing courses to the curriculum. • The courses related to VLSI and Labview are in greater demand nowadays, so kindly add them in our syllabus.	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.
9	Parents (EEE)	• By giving best Materials to study for the students, their academic performance can be improved.	Faculty members are insisted to provide proper study material to students for all the subjects.
10	Alumni (EEE)	• teaching technical wise strong student is primary thing.	

		• Addition of cad and real time industrial experiences • Academic syllabus may have some challenging activities like field analysis, basic industrial knowledge • Practical way of teaching to be improved.	
11	Students (CIVIL)	• Courses Applying Technology to Construction is needed more by the industries and should be added. • Adding Pre-stressed concrete as a core subject is highly appreciable. • The Ground improvement course should be added as a subject. • One or more softwares that will help in designing should be added as a part of labs. • New courses on software like (BIM,Tekla,Etabs) should be added for the department in the curriculum. • The courses like Bridge engineering and Prestressed concrete structures should be included. • Courses that are recent in advanced technology in civil engineering should be added to the curriculum. • Already the courses is in our curriculum are essential and good to improve our skills. • The practical and live explanation about the concept is more useful for furture engineers ,so kindly provide them. • Aptitude classes should be added as a part of academics for all departments.	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme. Students are encouraged to do internships in companies to develop technical skills. Every year the government of Tamilnadu is sponsoring 41,15,000₹ for sending students to internships through special schemes.
12	Parents (CIVIL)	• To enhance student support, the institution could consider implementing mentorship programs	Steps are taken to conduct mentor classes regularly.

		• Placement companies can be developed • Provide proper washroom facilities • Increase academic activities and exposure with public • Help them to ensure practical knowledge which is very helpful for their carrier • To improve the language skills for their carrier opportunity. • By providing internships in their respective core. • Give more practical experience • Kindly help in good placements for civil engineering students. • Make college rules more strict • Conduct more classes for competitive exams and placements • To create an awareness program about life , safety measures, etc . • Don't use ppts and compare course to real life example • Giving more training and extra curricular activities is good • Teach the students with life related examples about the course • Coaching for competitive exams • Institution encourages students to active participation in academics and extra curricular activities	Every 20 students are assigned mentor and mentor meeting is conducted once in every 15 days. Students are encouraged to do internships in companies to develop technical skills. Every year the government of Tamilnadu is sponsoring 41,15,000₹ for sending students to internships through special schemes. Actions are taken to improve placement percentage by conducting programs with alumni to improve skills of students. More campus drives are conducted, which increases the placement percentage. Arranged for training program on competitive exams for students.
13	Alumni (CIVIL)	• Need more training for competitive exams • Need to upgrade the syllabus for current technology. • Overall good • my subjects and learnings are very useful to me, but need same level of practical explanation to survive in civil field.	Arranged for training program on competitive exams for students. Steps are taken to improve the syllabus with current technology oriented

			subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.
14	Students (Mechanical)	• Add some design related courses. • Aptitude Training should be added. • Every courses were necessary to become a fine engineer. • Remove Fluid mechanics from the curriculum. • More elective course should be added. • Remove the courses which are old and not following technology throughout the world. • Remove Yoga for Human excellence from the curriculum. • By having a grievance box for grievances and examine them frequently... the letters should be posted under the vigilance of faculty advisor • The institution can improve student support by offering personalized learning, mentorship programs, career counseling, resources for mental health and wellness. • Understanding their own interests and giving guidance to reach their path • It's better to involve the students in real-time applications of what they've studied • Many placement activities are takes place through alumni...Alumni support helps the student to improve our skills • Instead of pressuring students by academic wise we can assign project to each student based on their interests so that they can learn something	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme. Actions are taken to improve placement percentage by conducting programs with alumni to improve skills of students. More campus drives are conducted, which increases the placement percentage

		• By engaging students in placement activities from their first day of College • Project oriented environment	
15	Parents (Mechanical)	• By Accomplish the choice of students on their own. • Support by Alumini • Better hostel facilities • Practical and application related coaching • Try to engage with the students more to bring their best out of them • More placement activities • Renovate the toilets • Could implement more practical learning platforms like labs and incubation facilities. • College can help the students by giving more scholarship and placement activities • By involving students in more social activities and by providing more visual sessions • Software skills classes	Steps are taken to conduct mentor classes regularly. Every 20 students are assigned mentor and mentor meeting is conducted once in every 15 days. Actions are taken to improve placement percentage by conducting programs with alumni to improve skills of students. More campus drives are conducted, which increases the placement percentage
16	Alumni (Mechanical)	• I got good education • Required more designs courses and software knowledge	Steps are taken to improve the syllabus with current technology oriented subjects and also introduced skill based training through Tamil Nadu government Nan-Mudhalvan scheme.

30/4/2024

Principal

Principal
Alagappa Chettiar Government
College of Engineering & Technology
(Autonomous) Karaikudi - 630 003