THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI -15
(A Govt.aided Autonomous Institution Affiliated at Anna University)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: CSE\Feedback\Alumni\2022-23

15.09.2023

Alumni Feedback for the academic year 2022-2023

Total Responses - 63

Role in Organization	Count
Academician	17
R&D	21
Software Development	16
Other	9

Field	Excellent	Good	Average	Poor
Productivity	25	19	25	2
Team Work	23	25	23	-
Technical Knowledge	25	27	19	-
Domain Knowledge and Development of Software Systems	30	23	17	1

Suggestions Given

Following Suggestions are given by the pass out students 2021,2022

1. Internal questions papers can include GATE related questions.
2. All the students can be provided opportunities to work on real time projects.
3. Classroom infrastructure can be modified for interactive and activity-based learning.
4. Coding skills can be improved for all students for placement enhancement.
5. Senior interaction (Alumni) can be often arranged for students.
6. Opportunities to learn more can be provided for fast learners.

Action Taken

1. GATE related questions were included more in question papers.
2. Many real time projects are developed by students with the help of faculty mentors.
3. Smart Classroom is arranged for interactive and activity-based learning.
4. Coders Club is mentoring, conducting events for students to improve their coding skills.
5. Alumni interaction has been provided for career guidance.
6. Online certifications are available to fast learners.

Staff In-charge
(C. Santhiya, AP/CSE)

HDCSE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ALUMNI SURVEY REPORT FOR ACADEMIC YEAR: 2021-2022

Date: 23.01.2023

Alumni Batch: 1)2021 2) 2022

General Observations	• The responses of alumni survey from 2021 and 2022 batch students were collected and consolidated. • Their inputs were considered for curriculum revision.

	Courses/Topics/Technologies	Reasons for inclusion/exclusion	Remarks of the Department
New courses recommended	• Informatica • Machine learning • Deep learning • App development • Edge Computing • Block chain • Containerization • Cloud Technologies • Statistics • SAP Basics	Industry demand courses and technologies.	These courses are already included as electives in curriculum.
New technologies recommended	• Django • Anaconda Software • Keras • React JS, Spring Boot • Agile framework • Angular JS • DevOps • Digital Marketing		These technologies are included in the lab courses in curriculum revamp.
New tools recommended	• UI-UX • Flutter Framework • Laravel • Pyramid Framework • Sensors		These tools can be included in project-based courses.
Courses / Topics that irrelevant to the current trend	• ALP Lab • Workshop		These course contents are included in various subjects.
	• Accounting and Finance		The course content has been updated and named as Engineering Economics.
	• Computer Graphics		Graphics content is included in VR

			subject.

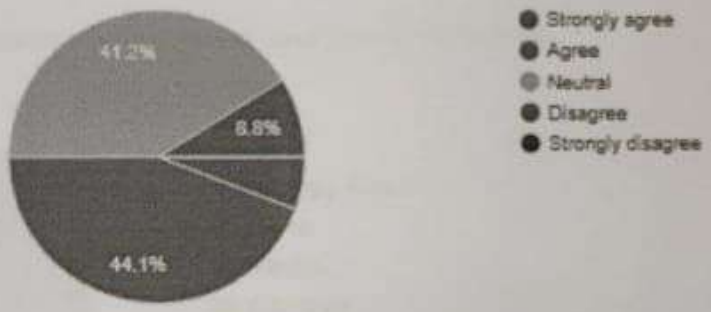
Any other open observations from alumni survey:

- New Technology and tools have been suggested has been included in 2022 curriculum revamp.

Impact of existing curriculum:

The existing curriculum matches with the emerging domain trends:

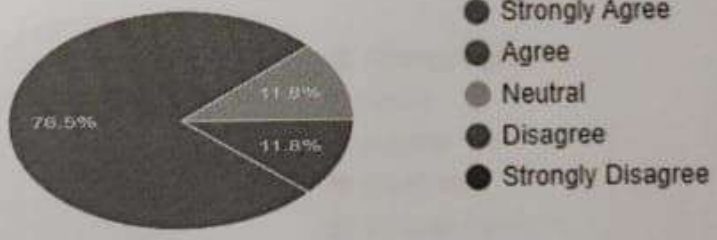
34 responses



Programme Outcome (PO1) – Engineering knowledge.

I am able to contribute significantly in providing a technical solution for complex engineering problems

34 responses



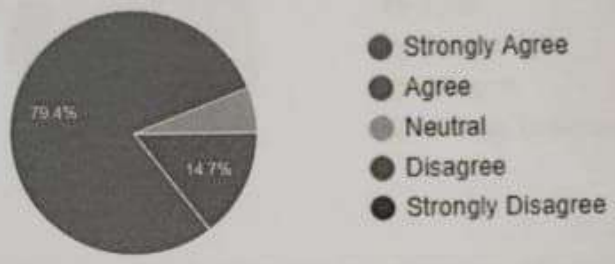
I am able to apply the principles of mathematics and science in my projects

34 responses

Programme Outcome (PO2) – Problem analysis

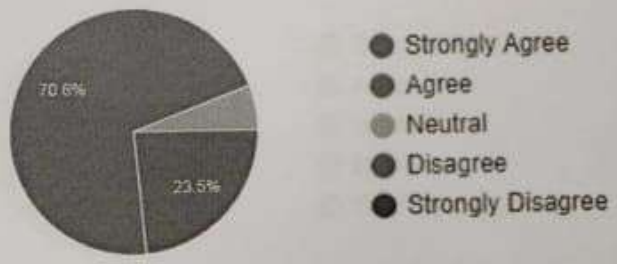
I am able to formulate an engineering problem for the societal/industrial needs and provide solutions with my problem-solving skills

34 responses



I am able to analyze and evaluate the assumptions used to solve the problem

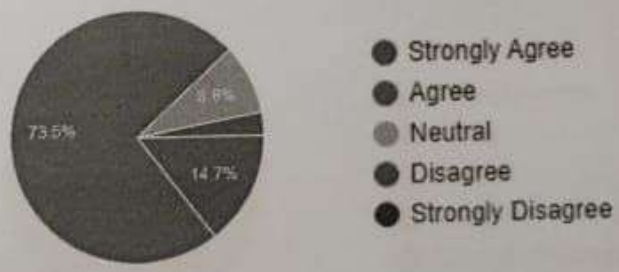
34 responses



Programme Outcome (PO3) – Design/development of solutions

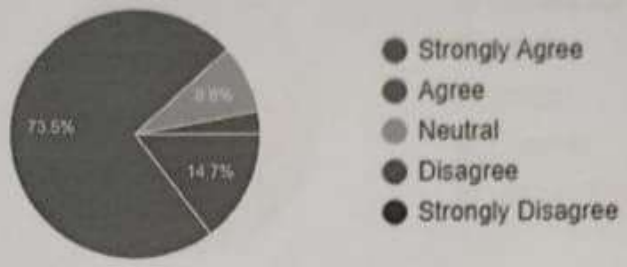
I am able to develop and use prototypes to solve the complex engineering problems

34 responses



I am able to find appropriate optimization techniques and synthesize the final design

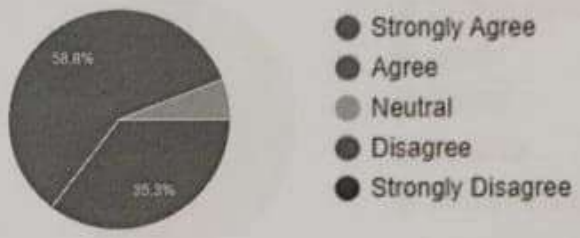
34 responses



Programme Outcome (PO4) – Conduct investigations of complex problems:

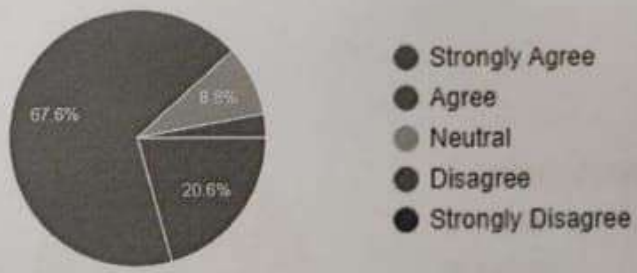
I am able to collect and interpret customer needs for a given project.

34 responses



I am able to analyze the trade-offs between alternative design approaches and select the one that is best for your project.

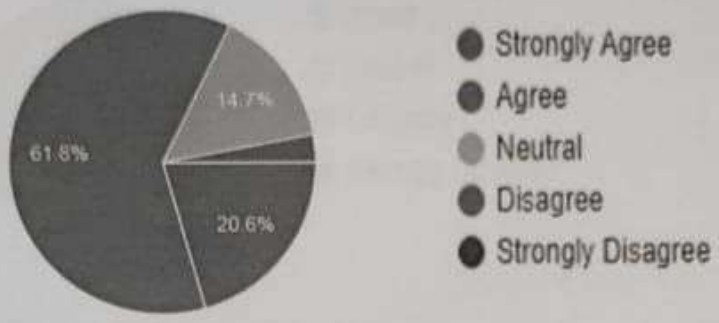
34 responses



Programme Outcome (PO5) – Modern tool usage

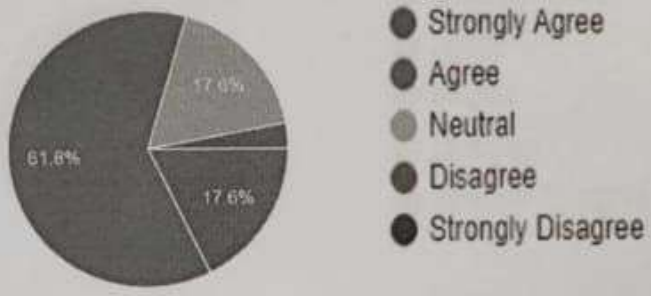
I am able to identify and use appropriate engineering tools and techniques to execute a given task

34 responses



I am able to analyze the limitations of various engineering tools and choose the best to accomplish a task

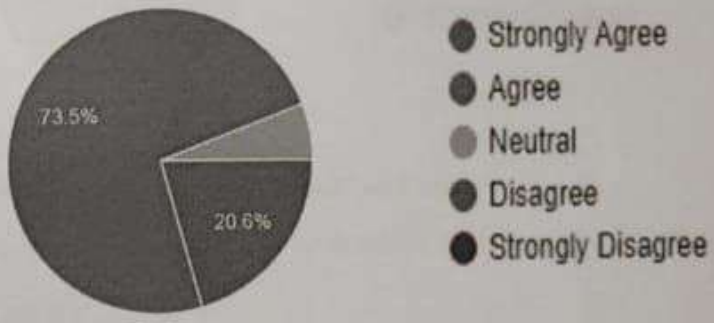
34 responses



Programme Outcome (PO6) – The engineer and society

I am able to identify the interactions that an engineering project has with the economic, social, health, safety, legal, and cultural aspects of society,

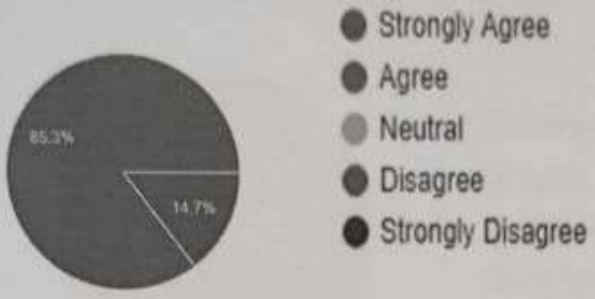
34 responses



Programme Outcome (PO7) – Environment and sustainability

I am able to analyze impact of the professional engineering solutions in societal and environmental contexts

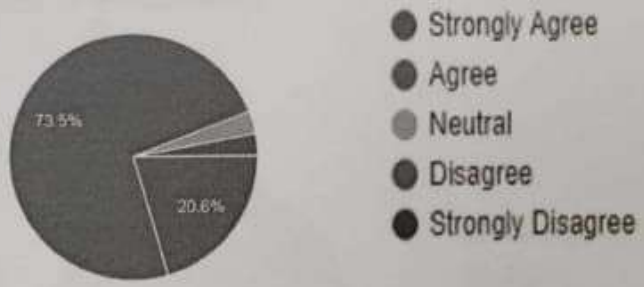
34 responses



Programme Outcome (PO8) – Ethics

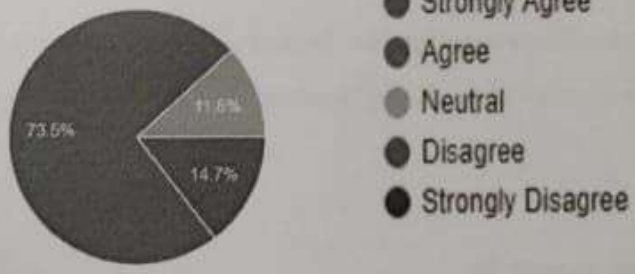
I am aware of ethical principles and professional practices related to my domain

34 responses



I am able to analyze opposing positions on an issue and make a judgment based on the evidence

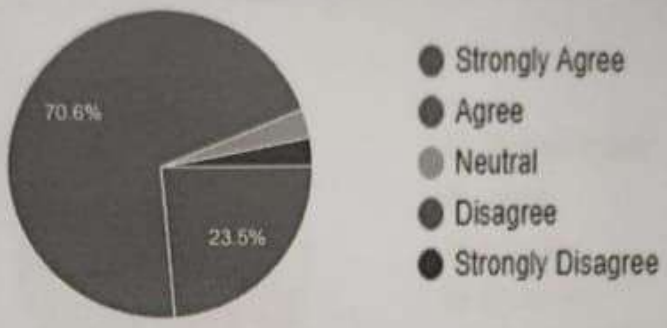
34 responses



Programme Outcome (PO9) – Individual and team work

I am able to analyze the strengths and weaknesses of my team and provide support wherever required

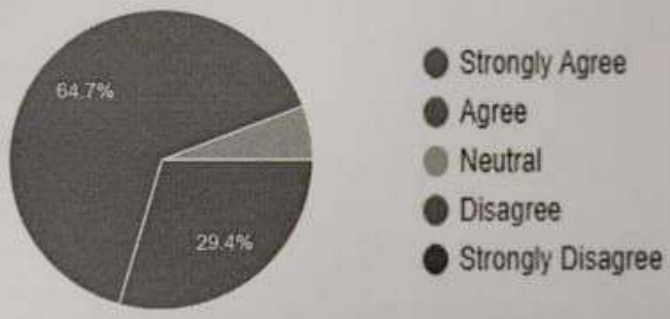
34 responses



Programme Outcome: (PO10) – Communication

I am confident in delivering a clear and organized formal presentation to a group of professionals and make effective documentation

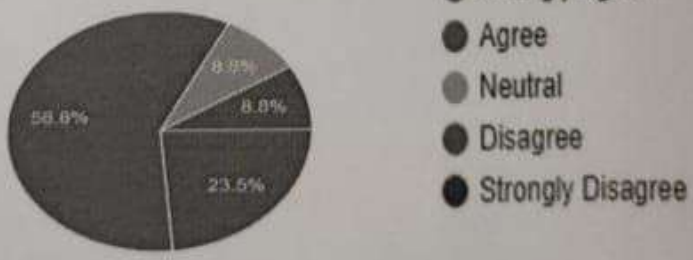
34 responses



Programme Outcome (PO11) – Project management and finance

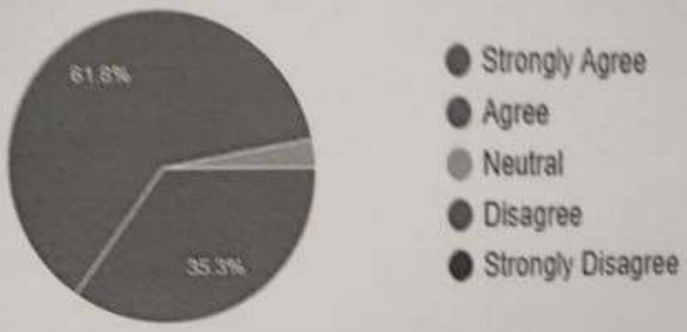
I am able to apply project cost management principles to ensure that a project is completed within budget.

34 responses



Programme Outcome (PO12) –Life-long learning:

I am comfortable in learning new technologies and update myself to the growing needs



Alumni Coordinator

Program Coordinator

HODCSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: CSE\Feedback\Alumni\2020-21

27.08.2021

Alumni Feedback for the academic year 2020-2021

Suggestions Given

Following Suggestions are given by the alumni for the Academic Year 2020-21

1. Internal questions papers can include GATE related questions.
2. All the students can be provided opportunities to work on real time projects.
3. Classroom infrastructure can be modified for interactive and activity-based learning.
4. Coding skills can be motivated to all students for placements.
5. Senior interaction (Alumni) can be often arranged for students.
6. Opportunities to learn more can be provided for fast learners.

Action Taken

1. GATE related questions were included more in question papers.
2. Many real time projects are developed by students with the help of mentors.
3. Smart Classroom is arranged for interactive and activity-based learning.
4. Coders Club is mentoring, conducting events for students to improve their coding skills.
5. Alumni interaction has been provided for career guidance.
6. Online certifications are available to fast learners.

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Thiagarajar College of Engineering, Madurai – 625 015

(A Government Aided ISO 9001 : 2008 Certified Autonomous Institute Affiliated to Anna University)

Department of Computer Science and Engineering

Ref: CSE\Feedback\Alumni\2019-20

Report on Alumni Feedback

Suggestions given

1. Curriculum can include latest programming languages from the start of 2nd semester and can give more importance to coding skills.
2. Curriculum should be updated with current IT trends and technologies.
3. Give more importance to practical classes and ask the students to practice on application oriented experiments or projects.
4. Make the students to learn the fundamentals / core concepts of CSE thoroughly.
5. Every student must be made to develop atleast one valid software / product either as individual or as a team.
6. The lab experiments should make the students to learn the concepts and apply the concepts learned for solving real world complex problems.

Action Taken

1. CSE curriculum is updated with courses covering latest trends and technologies including Devops, microservices architecture, 5G protocols, Kubernetes and REST APTs.
2. Programming courses were introduced from 2nd semester onwards such as python, C, C++, Java, web programming.
3. Students are asked to develop a complete application/project during practical and theory cum practical courses covering all the experiments.
4. Training programs for enhancing the fundamental skills on CS core areas are arranged.
5. Students are motivated to participate in hackathons and programming contests
6. Coders Club has been started to help the students on improving their problem solving and coding skills

HDCSE

Thiagarajar College of Engineering, Madurai – 625 015
(A Government Aided ISO 9001 : 2008 Certified Autonomous Institute Affiliated to Anna University)

Department of Computer Science and Engineering

Ref: CSE\Feedback\Alumni\2018-19

Report on Alumni Feedback

Suggestions given

Following Suggestions are given by the alumni of our department with respect to the CSE curriculum

1. Students undergoing NPTEL courses can be credits under the elective category.
2. New courses on Deep Learning, Blockchain, SDN can be introduced
3. Convert the problem solving skills to projects and products
4. Coding skills and quality of coding need to be improved
5. Course projects may be introduced to provide solutions for real time applications
6. Problem solving exercises in courses may include industry relevant problems, real world examples

Action Taken

1. Students can exempt from program elective course on completing the NPTEL courses.
2. Students are motivated to participate in Hackathons and Programming contents
3. New elective courses on blockchain, software defined networking are introduced
4. Challenging problems are addressed during lab sessions
5. Some of the theory and lab courses are handled with course projects

P. Chitra

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