



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015**

**(A Govt. Aided, Autonomous Institution affiliated to Anna University)**

**DEPARTMENT OF ARCHITECTURE**

**Ref: Arch/TLP/Feedback/Alumni/1**

Report on Alumni feedback:

Following suggestions are given by the alumni for the academic year 2021-2022

**Suggestions given:**

More knowledge on software such as Rhino, Grasshopper integrated with Python, BIM softwares, etc

More workshops on tools, techniques and software can be organised.

Working and designing using feet and inches in addition to metric system will help in actual practice in field

More site visits to understand structures will be helpful

More exposure to communication skills to boost confidence

Provide the students with Architecture career guidance and higher studies possibilities.

Exposure to new trends in architecture such as zero energy buildings, carbon neutral or negative buildings, and latest sustainable materials.

**Actions taken:**

The new curriculum has been designed to include latest trends in architecture. Subjects have been revived to include latest technologies and materials



Also, software tools have been introduced into the new curriculum that relates to BIM

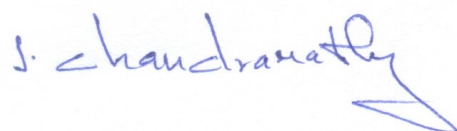
Seminar presentation will be incorporated into the assignments to improve communication skills.

Case study visits are always conducted in the program for design subjects. Staff are encouraged to conduct site visits for theory and theory cum studio subjects.

Workshops and webinars from higher learning institutions and industry professionals are promoted and staff are encouraged to organise such webinars and workshops

More number of theory cum Studio that are skill based has been included in the new curriculum.

Staff I/C:   


TLP 

  
HOD/ARCH





**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015**

**(A Govt. Aided, Autonomous Institution affiliated to Anna University)**

**DEPARTMENT OF ARCHITECTURE**

**Ref: Arch/TLP/Feedback/Alumni/1**

Report on Alumni feedback:

Following suggestions are given by the alumni for the academic year 2021-2022

**Suggestions given:**

More knowledge on software such as Rhino, Grasshopper integrated with Python, BIM softwares, etc

More workshops on tools, techniques and software can be organised.

Working and designing using feet and inches in addition to metric system will help in actual practice in field

More site visits to understand structures will be helpful

More exposure to communication skills to boost confidence

Provide the students with Architecture career guidance and higher studies possibilities.

Exposure to new trends in architecture such as zero energy buildings, carbon neutral or negative buildings, and latest sustainable materials.

**Actions taken:**

The new curriculum has been designed to include latest trends in architecture. Subjects have been revived to include latest technologies and materials



Also, software tools have been introduced into the new curriculum that relates to BIM

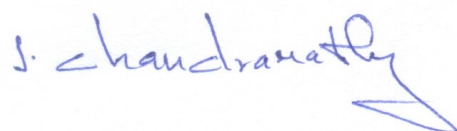
Seminar presentation will be incorporated into the assignments to improve communication skills.

Case study visits are always conducted in the program for design subjects. Staff are encouraged to conduct site visits for theory and theory cum studio subjects.

Workshops and webinars from higher learning institutions and industry professionals are promoted and staff are encouraged to organise such webinars and workshops

More number of theory cum Studio that are skill based has been included in the new curriculum.

Staff I/C:   


TLP 

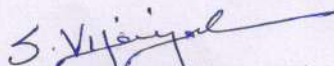
  
HOD/ARCH

Thiagarajar College of Engineering  
Department of Computer Applications, Madurai

Report on Course Feedback by Alumni  
Academic Year 2021-2022

The Following are the highlights of Alumni feedback Analysis:

- More number of Industry Supported Courses may be increased.
- Research based Projects may be motivated to the MCA Students.
- Assessment of All the Courses should be learner centric.
- Recent trend and advanced technology courses may be included as electives.
- MCA courses are relevant to the Application oriented.
- Recent tools and Technology are recommended

  
TLP Coordinator

  
HODCA

# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625015

(A Govt. Aided, Autonomous Institution Affiliated to Anna University)

## Department of Mechanical Engineering

### Alumni Feedback the academic year 2021-2022

Sl. No	Feedback	Action Taken
1.	Knowledge on Electric Vehicles, Machine learning using python, CAD tools is essential	The content will be considered as elective courses in 2022 mechanical curriculum
2.	IOT theory and lab may be added	IOT theory content was included in one credit courses
3.	Courses on Dynamics and Vibration with at least one being mandatory	The mentioned courses will consider suitably in next syllabus revision
4.	Students may be encouraged to take online courses on Coursera Udemy, NPTEL, etc.,	Provision was given in regulation
5.	Metal casting, forming and joining and other conventional machining into single course	These content was re-organized suitably by the respective course designers
6.	Industry person can be engaged in teaching	18ME2F0 design of jigs and fixtures course is delivered by Mr. A. Mani, Karun tooling enterprises, Bengaluru.

K. C.  
HDME  
M



# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

## DEPARTMENT OF INFORMATION TECHNOLOGY

### PROGRAMME NAME : B.TECH

### ALUMNI SURVEY REPORT FOR ACADEMIC YEAR : 2021-22

Date :23-1-2023

Alumni Batch: 1)2022

General Observations	<ul style="list-style-type: none"> <li>Alumni survey got from 2022 batch students for whom we followed CBCS curriculum.</li> <li>Most of the inputs given by the Alumni were already included in CDIO Curriculum.</li> </ul>
----------------------	--

	Courses/Topics/Technologies	Reasons for inclusion/exclusion	Remarks of the Department
New courses recommended	<b>Topics Suggested by Alumni</b>		
	<ul style="list-style-type: none"> <li>Spring boot</li> <li>Azure, gcp, sql server</li> <li>React and Java frameworks</li> <li>Microcontroller microprocessor basic hardware knowledge to be covered for IT/CS</li> <li>Any one of the cloud services</li> <li>Basics of git</li> <li>ChatGPT, Containerisation, Docker</li> <li>Testing frameworks (Python, Java - could be made mandatory)</li> <li>Flask/Django (as an overview along with Web or Python courses)</li> <li>Node JS / Express JS/React JS, AWS concepts</li> <li>Jenkins/NewRelic</li> <li>Angular, React, AR / VR, Devops, Deep learning</li> <li>Problem solving skills in non linear data structure,</li> <li>Version control tools as one module in any subject</li> <li>CI tools specially Git and GitHub, Linux, knowledge on Scrum ceremonies and procedures, writing automated test suites</li> <li>(as mandatory course)</li> <li>Design Patterns</li> </ul>		Most of the concepts are included in the curriculum
	<b>Courses Suggested by Alumni</b>		
	<ul style="list-style-type: none"> <li>UI UX</li> <li>C++ programming</li> <li>2C/1C courses can be conducted on the corporate methodologies and how release deployment, load balancing, monitoring, debugging are done and other concepts.</li> <li>Extended Reality</li> <li>Practical Cloud computing &amp; Modern Software development(devops) with aws/azure,</li> <li>Compiler design</li> <li>Big data</li> <li>Docker</li> <li>Advance level java</li> <li>TQA (like automation in selenium,</li> </ul>		Will consider to include these courses as Elective

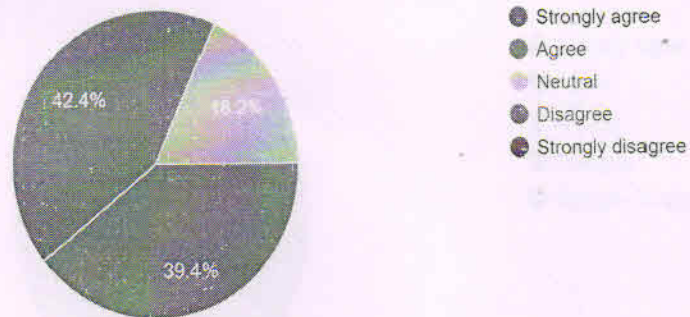
	<p>robotframeworks, protractor)</p> <ul style="list-style-type: none"><li>• Mobile App Development</li><li>• Data Analytics</li><li>• E-commerce and ERP (Enterprise Resource Planning)</li><li>• web development using Java</li><li>• Compiler design</li><li>• Introduction to computer hardware</li><li>• System design</li></ul>		
New technologies recommended	<ul style="list-style-type: none"><li>• Containerisation technologies, Kafka, API</li></ul>		This course is already included in 2022 curriculum framework
New tools recommended	<ul style="list-style-type: none"><li>• Automation tools, containerisation, kubernetes, docker</li><li>• Django, AWS</li><li>• Git, GitHub, Bitbucket, Linux environment,</li><li>• Minitab, SPSS</li><li>• Atlassian</li><li>• Cyberark Tool Pega</li><li>• Data Analytics tools</li></ul>		Will consider to include in core courses for performing case study implementation
Courses / Topics that irrelevant to the current trend	Human Computer Interaction		Need for some Industry
	Software defined networks, sensor programming		
	Wireless sensors		
	ITOM		Common courses for First year students
	Physics		
	Chemistry		
<b>Courses to improve personal and interpersonal skills</b>			
	<ul style="list-style-type: none"><li>• Public speaking,</li><li>• Professional content writing</li><li>• Team organisers activities</li><li>• Online based Soft skills courses can be provided</li><li>• Entrepreneurship</li><li>• "Understanding the corporate world,</li><li>• How to handle stress at workplace</li><li>• Few workshops to Enhance the Leadership and Team coordination skills</li><li>• Corporate communication skills, email writing</li><li>• Vocabulary building using games</li><li>• Leadership skill building</li><li>• Any non-technical elective Marketing, Sales, Accounting, Finance, Human Relationship courses</li></ul>		Will consider to offer this as a elective course



## Impact of existing curriculum:

The existing curriculum matches with the emerging domain trends

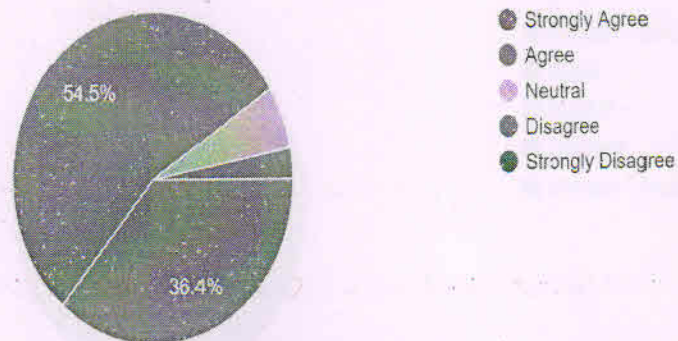
33 responses



## Programme Outcome (PO1) – Engineering knowledge.

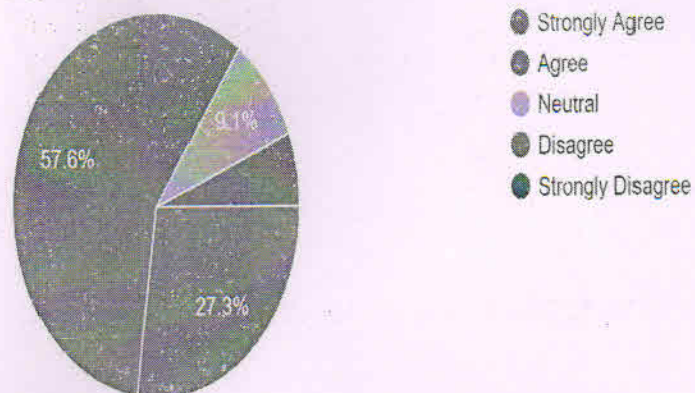
I am able to contribute significantly in providing a technical solution for complex engineering problems

33 responses



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

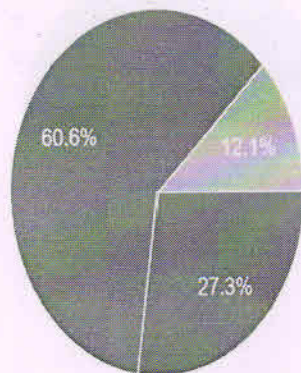
33 responses



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

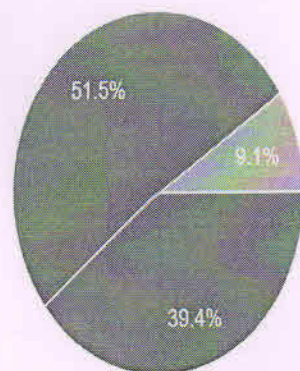
33 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

33 responses



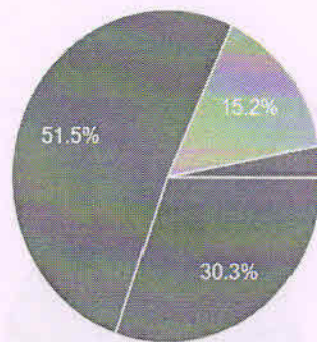
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



Programme Outcome (PO3) – Design/development of solutions

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

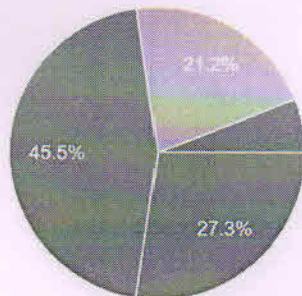
33 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

33 responses

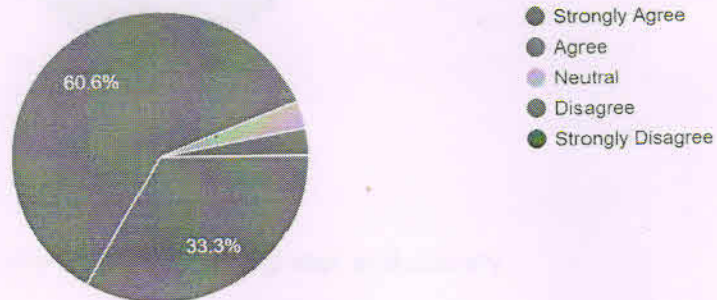


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

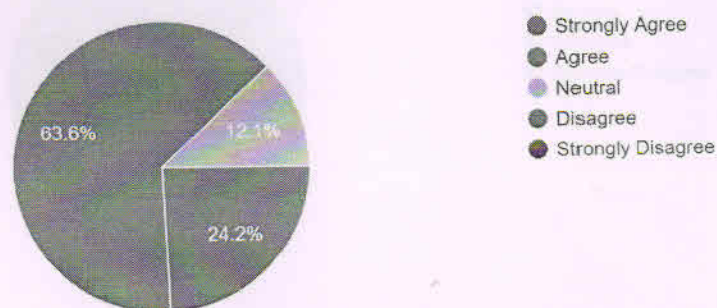
I am able to collect and interpret customer needs for a given project.

33 responses



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

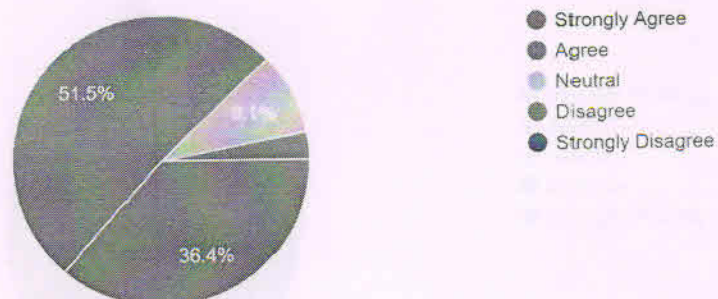
33 responses



## Programme Outcome(PO5) – Modern tool usage

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

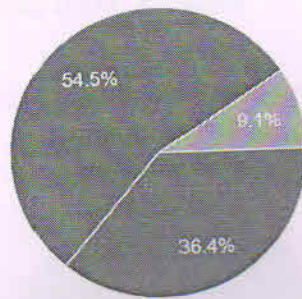
33 responses





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

33 responses

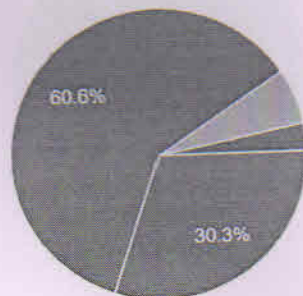


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### 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,

33 responses

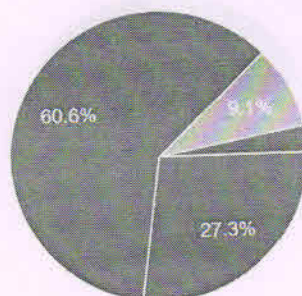


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### Programme Outcome (PO7) – Environment and sustainability

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

33 responses

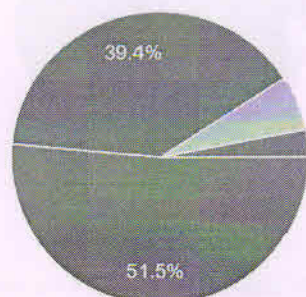


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

## Programme Outcome (PO8) – Ethics

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

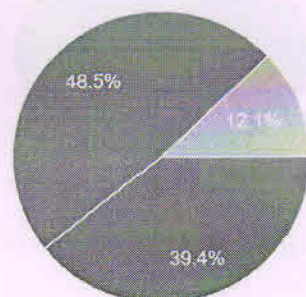
33 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

33 responses

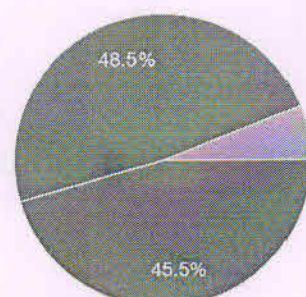


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

## Programme Outcome(PO9) – Individual and team work

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

33 responses



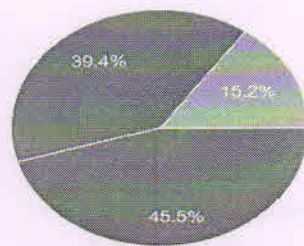
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



### Programme Outcome : (PO10) – Communication

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

33 responses

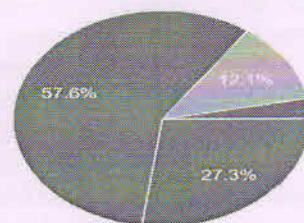


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### 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.

33 responses

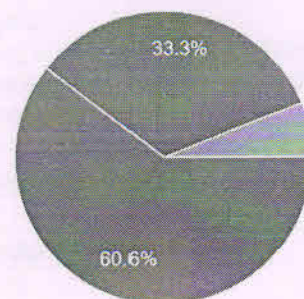


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### Programme Outcome (PO12) –Life-long learning:

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

33 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

  
Alumni Coordinator

Dr.K. V.Uma

  
Program Coordinator

Dr.S.Padmavathi

  
HOD/IT

Dr.C.Deisy

**THIAGARAJAR COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ALUMNI FEEDBACK ANALYSIS**  
**ACADEMIC YEAR 202-2021**

Suggestions	Courses/Topics/Technologies	Action taken
New courses recommended	Computer Architecture, RTL and STA (VLSI) Courses, Artificial Intelligence, Electric vehicle, IoT, Python, Embedded C, PLC, SCADA, DCS practical courses	AI, EV, IOT, Python already we have as Electives Computer Architecture will be given as elective PLC, SCADA, DCS to be given as one Credit course
New technologies recommended	Battery technologies, Wireless Technology	Battery technologies is available as one credit. Wireless Technology can be given as General Elective.
New tools recommended	ETAP in power systems Laboratory. Verilog, System verilog, UVM in Digital Electronics laboratory. Python focused on data science Python/Cloud technologies/Simulink/ETAP PSS/E Python, C++, CAD software CAD Electrical, Autocad, BIM modeler softwares, Keil uvision, Altium	ETAP is available System Verilog will be included in VLSI Python is added as elective  CAD/Auto CAD can be included in Electrical Workshop Cloud Technology – Available as General Elective Keil is applied in Microcontrollers Theory & Lab
Courses / Topics that irrelevant to the current trend	Science courses in first semester, Drives and control Basics of Civil and Mechanical can be replaced by basics of CS, Power System Analysis, High Voltage engineering	All core area courses are needed.

**Action taken report:** Department faculty have been informed to consider the suggestions given by the alumni during the upcoming board of studies meeting.

*C. K. Balaji*  
HDEE  
B.A&E





**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015**  
(A Govt. Aided Autonomous institution affiliated to Anna University, Chennai)  
Department of Electronics and Communication Engineering

Ref/TCE/ECE/Alumni/Feedback

12-08-2022

Report on Alumni Feedback

Suggestions:

Following are the Suggestions given by the alumni of our department in relevance with ECE Curriculum.

1. Students can improve their self learning ability through online MOOC courses.
2. Motivation to students to participate in industry driven Hackathons and contest should be given.
3. Adjunct faculties from Industries/ higher learning institution should be involved for course handling in thrust areas.
4. Core area specialisation and multi disciplinary specialisation can be given recognition by awarding due credits.
5. Students publications can be encouraged.

Action taken:

- Students were encouraged to take TCE MOOC courses and NPTEL Swayam online courses .
- Adjunct faculties from higher learning institutes are handling classes for UG and PG students. Because of that students got internship opportunities in industries.
- Restructured curriculum is introduced to BE(ECE) students admitted from the academic year 2022-23 onwards.

  
HODECE  


**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

<b>General Observations</b>	<ul style="list-style-type: none"> <li>The responses of alumni survey from 2021 and 2022 batch students were collected and consolidated.</li> <li>Their inputs were considered for curriculum revision.</li> </ul>
-----------------------------	--

	<b>Courses/Topics/Technologies</b>	<b>Reasons for inclusion/exclusion</b>	<b>Remarks of the Department</b>
<b>New courses recommended</b>	<ul style="list-style-type: none"> <li>Informatica</li> <li>Machine learning</li> <li>Deep learning</li> <li>App development</li> <li>Edge Computing</li> <li>Block chain</li> <li>Containerization</li> <li>Cloud Technologies</li> <li>Statistics</li> <li>SAP Basics</li> </ul>	Industry demand courses and technologies.	These courses are already included as electives in curriculum.
<b>New technologies recommended</b>	<ul style="list-style-type: none"> <li>Django</li> <li>Anaconda Software</li> <li>Keras</li> <li>React JS, Spring Boot</li> <li>Agile framework</li> <li>Angular JS</li> <li>DevOps</li> <li>Digital Marketing</li> </ul>		These technologies are included in the lab courses in curriculum revamp.
<b>New tools recommended</b>	<ul style="list-style-type: none"> <li>UI-UX</li> <li>Flutter Framework</li> <li>Laravel</li> <li>Pyramid Framework</li> <li>Sensors</li> </ul>		These tools can be included in project-based courses.
<b>Courses / Topics that irrelevant to the current trend</b>	<ul style="list-style-type: none"> <li>ALP Lab</li> <li>Workshop</li> </ul>		These course contents are included in various subjects.
	<ul style="list-style-type: none"> <li>Accounting and Finance</li> </ul>		The course content has been updated and named as Engineering Economics.
	<ul style="list-style-type: none"> <li>Computer Graphics</li> </ul>		Graphics content is included in VR



			subject.
--	--	--	----------

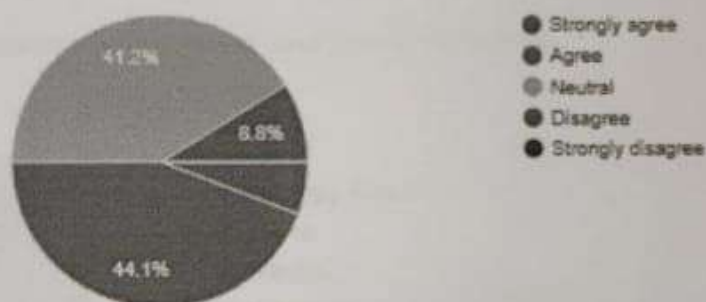
**Any other open observations from alumni survey:**

- 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:

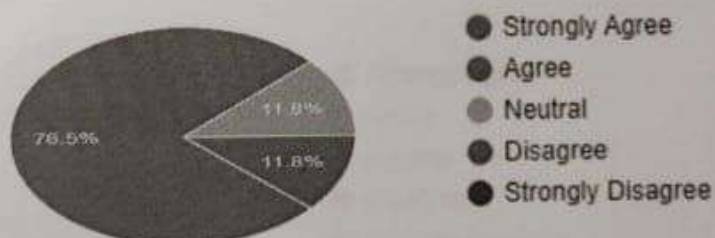
34 responses



**Programme Outcome (PO1) – Engineering knowledge.**

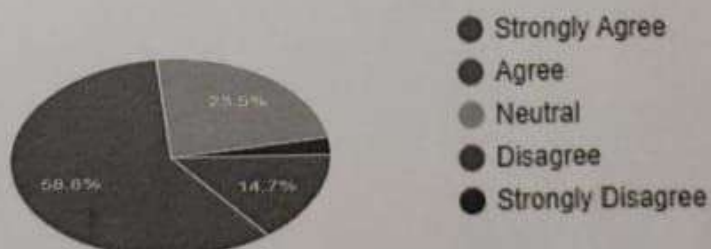
I am able to contribute significantly in providing a technical solution for complex engineering problems

34 responses



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

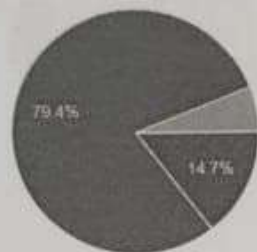
34 responses



### 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

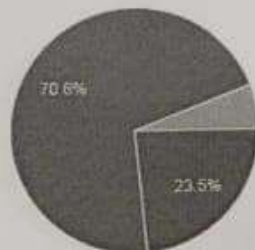
34 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

34 responses

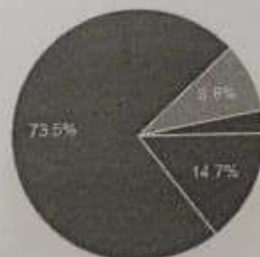


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### Programme Outcome (PO3) – Design/development of solutions

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

34 responses

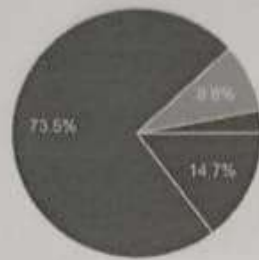


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



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

34 responses

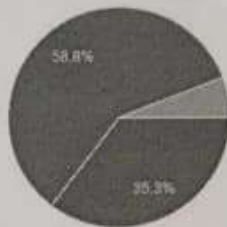


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

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

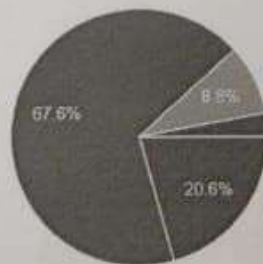
34 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

34 responses

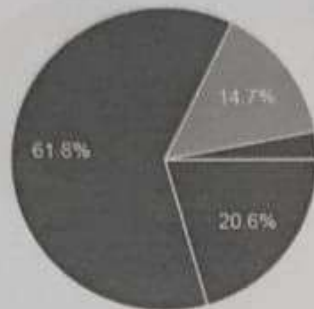


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

**Programme Outcome (PO5) – Modern tool usage**

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

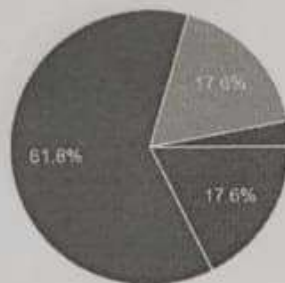
34 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

34 responses

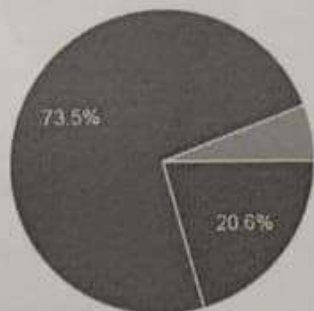


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

#### 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



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

#### Programme Outcome (PO7) – Environment and sustainability

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



34 responses

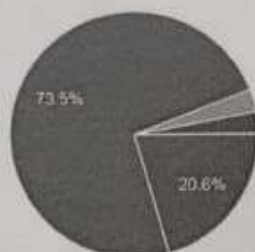


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### Programme Outcome (PO8) – Ethics

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

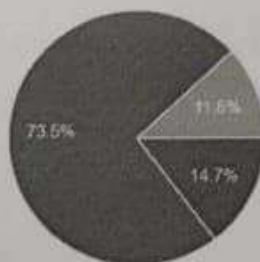
34 responses



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

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

34 responses

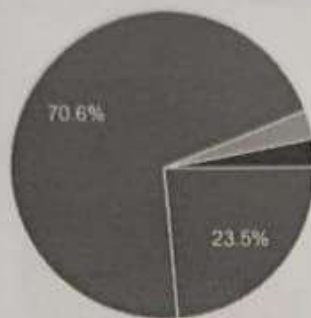


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

### 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

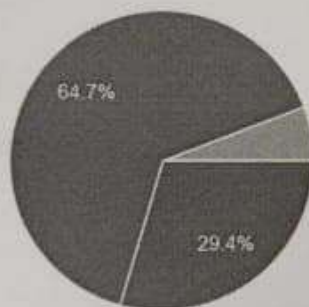


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

**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

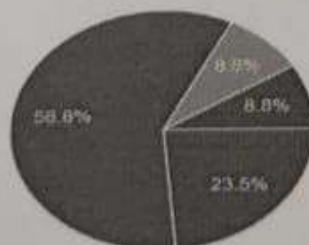


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

**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

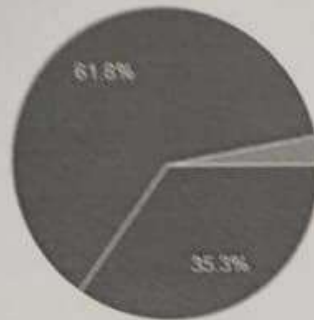


- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



Programme Outcome (PO12) –Life-long learning:

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



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

*Raja Cj*  
Alumni Coordinator

*B. Sulekha*  
Program Coordinator

*Sgt. Shibu*  
HODCSE

**THIAGARAJAR COLLEGE OF ENGINEERING  
DEPARTMENT OF CIVIL ENGINEERING**

**Alumni Feedback Analysis Report**

**Academic Year 2021-22**

Following are the highlights of the Alumni Feedback Analysis:

- Most of the alumni except a few agreed that the B.E Civil Engineering curriculum matches with the emerging domain trends.
- New courses/topics like valuation of Properties, design courses, courses on modern construction practices can be incorporated in B.E Civil Engineering curriculum.
- Courses on STAAD Pro, Python programming, SQL, DBMS and Prototyping & Simulation can be offered in the new curriculum for improving programming and modern tool usage skills.
- Courses to improve communication skills, professional ethics can be offered and personality development camps can be arranged for improving personal and interpersonal skills.
- Alumni are very much satisfied with the syllabus offered in UG Program and have given positive feedback with respect to achieving the various Program Outcomes.

**Action Plan:**

Faculty members are informed about the comments received from the alumni and the same will be considered during the forthcoming board of studies meeting.

  
**HDCE**