Thiagarajar College of Engineering,Madurai 625015

Department of Electrical and Electronics Engineering

Alumni Feed back 2022-2023

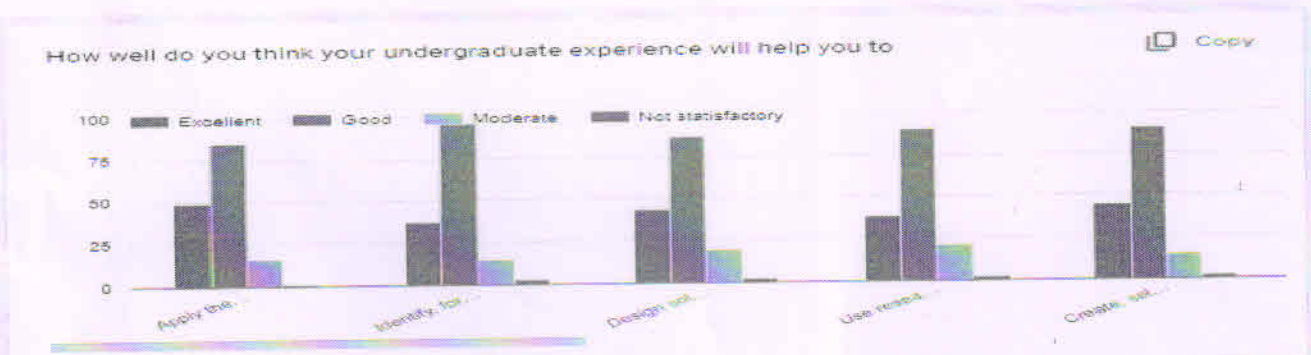
A list of questionnaire has been shared with the alumni and their responses are consolidated

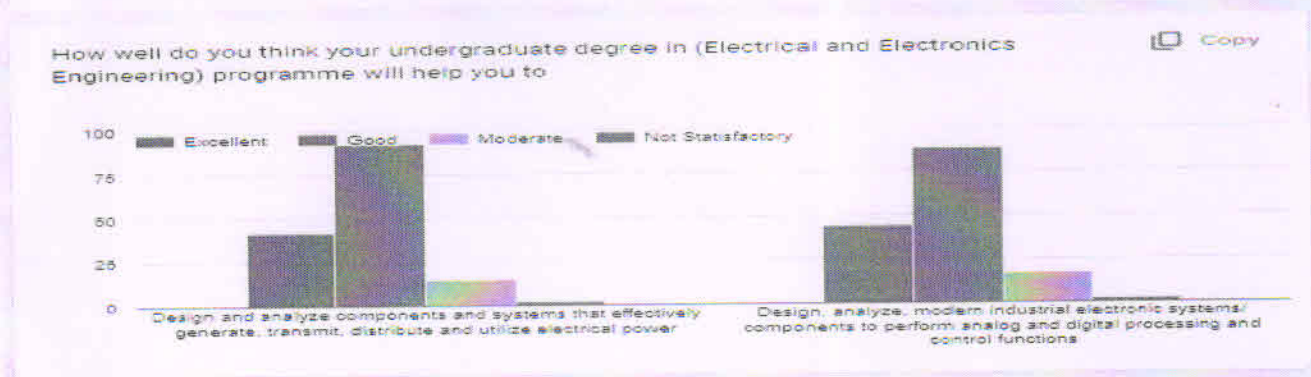
[151 responses]

Google Form Link: 2023 Passed Out : Graduate Exit Survey - Google Forms

How well do you think your undergraduate experience will help you to [Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.]	Alumni response are Good and excellent
How well do you think your undergraduate experience will help you to [Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.]	Alumni response are Good and excellent
How well do you think your undergraduate degree in (Electrical and Electronics Engineering) programme will help you to [Design and analyze components and systems that effectively generate, transmit, distribute and utilize electrical power]	Alumni response are Good and excellent

How well do you think your undergraduate degree in (Electrical and Electronics Engineering) programme will help you to [Design, analyze, modern industrial electronic systems/components to perform analog and digital processing and control functions]	Alumni response are Good and excellent
Please rate each of the following general service areas according to your level of satisfaction [Curricular services provided by the department during your graduate studies]	Satisfied
Please rate each of the following general service areas according to your level of satisfaction [Quality of graduate curriculum]	Satisfied
Any other points	Introduce automation and industrial learning in the course.





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5/10/23

THIAGARAJAR COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ALUMNI FEEDBACK ANALYSIS
ACEDEMIC 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 Phython 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.

HDEE

B.A80

THIAGARAJAR COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI FEEDBACK ANALYSIS

ACEDEMIC YEAR 2018-19

Alumni highly appreciated the way the syllabus are updated regularly.

The following are the high lights of analysis

- Theory and practical classes are likely to be handled by the same teachers.
- Laboratory based classes is more required comparing to theory classes.
- Application oriented laboratory experiments are needed.
- On theory courses, current technologies based are to be discussed without compromising the fundamentals.
- It is necessary to ensure that after finishing a lab course whether a student will able to apply the experiments in his future or whether he/she knows where to apply it or not.
- Some elective labs can be introduced.
- If possible software courses like python,sql,nerworks,java can be included.
- GATE exam based internal questions.
- Courses for Machine learning, deep learning may be included.

Action taken report

The department faculty are informed about the comments received and the same will be considered during the forthcoming board of studies meetings.

B. Ilamurugu
HDEE

ALUMNI FEEDBACK ANALYSIS

ACEDEMIC YEAR 2019-20

Alumni expressed their satisfaction in the curriculum and its regular update.

The following are the high lights of analysis

- Laboratory based classes should be concentrated more
- Theory should be supported by practical applications.
- Delivery and assessment of courses should be learner centric.
- Advance technology courses may be included as electives.
- Students should be directed towards an expertise in any of the software.

Action taken report

The department faculty are informed about the comments received and the same will be considered during the forthcoming board of studies meetings.

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ALUMNI FEEDBACK ANALYSIS

ACEDEMIC YEAR 2020-21

Alumni expressed their satisfaction in the curriculum and its regular update.

The following are the high lights of analysis

- Students should be trained for core companies.
- Career guidance may be provided to the students from the start of first year itself.
- Faculty may follow different pedagogical methods for course content delivery.
- Industry supported courses may be increased and advance technology courses may be included as electives.
- Students may be motivated to do research.
- Students may be aware with IPR and patents etc.

Action taken report

The department faculty are informed about the comments received and the same will be considered during the forthcoming board of studies meetings.

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