Achievement Level of Learning Outcomes

Effectiveness of the EDR course for your future Carrier

* Indicates required question

Your Index Number *

210199D

What are key outcomes you achieved by undertaking this course? Please write them as an item list. *

Enhanced understanding of schematic design principles.
Proficiency in PCB layout design techniques.
Improved skills in Solidworks for electronic product design.
Learned to create testable designs effectively.
Applied mathematics, science, and engineering principles to product design.
making of proper documentations for the development process.

Do you believe that you had sufficient knowledge and skills from the prerequisite courses to carry out the project work of this course effectively? *

- ○ Yes
- ◉ No
- ○ Decline to answer

If your answer to the above question is yes, what are the areas you improved during this course?

Your answer

List important things you learned about Schematic design during this course. *

designing a hierarchical schematic.
usage of proper symbols and techniques when making a schematic.
proper documentation method in presenting a schematic.

List important things you learned about PCB layout design during this course. *

selecting route widths according to the functionality.
how to design a PCB with proper placement of components.

List important things you learned about Solidworks during this course. *

how to design a proper enclosure without errors.
designing an enclosure that is moldable with draft angles and fillets.
do upgradable designs without affecting the original shape.

List important things you learned about designing a testable design during this course.

Incorporating test points and diagnostic features.
Designing for ease of troubleshooting and debugging.
Implementing built-in self-test (BIST) features.

List important things you learned about the design methodology you should follow to design a marketable electronic product. *

Market research and understanding customer needs.
Iterative design process and prototyping.
Compliance with industry standards and regulations.

List important things you learned about the application of Mathematics, Science and Engineering Principles for designing a good product. *

Analysis of electrical characteristics such as voltage, current, and power.
Understanding of electromagnetic compatibility and electromagnetic interference.
Thermal management and heat dissipation considerations.

Do you think the course content will help you to develop your carrier as an Electronics Engineer?

- (●) Yes
- ( ) No
- ( ) Maybe

Clear selection

Submit

Clear form