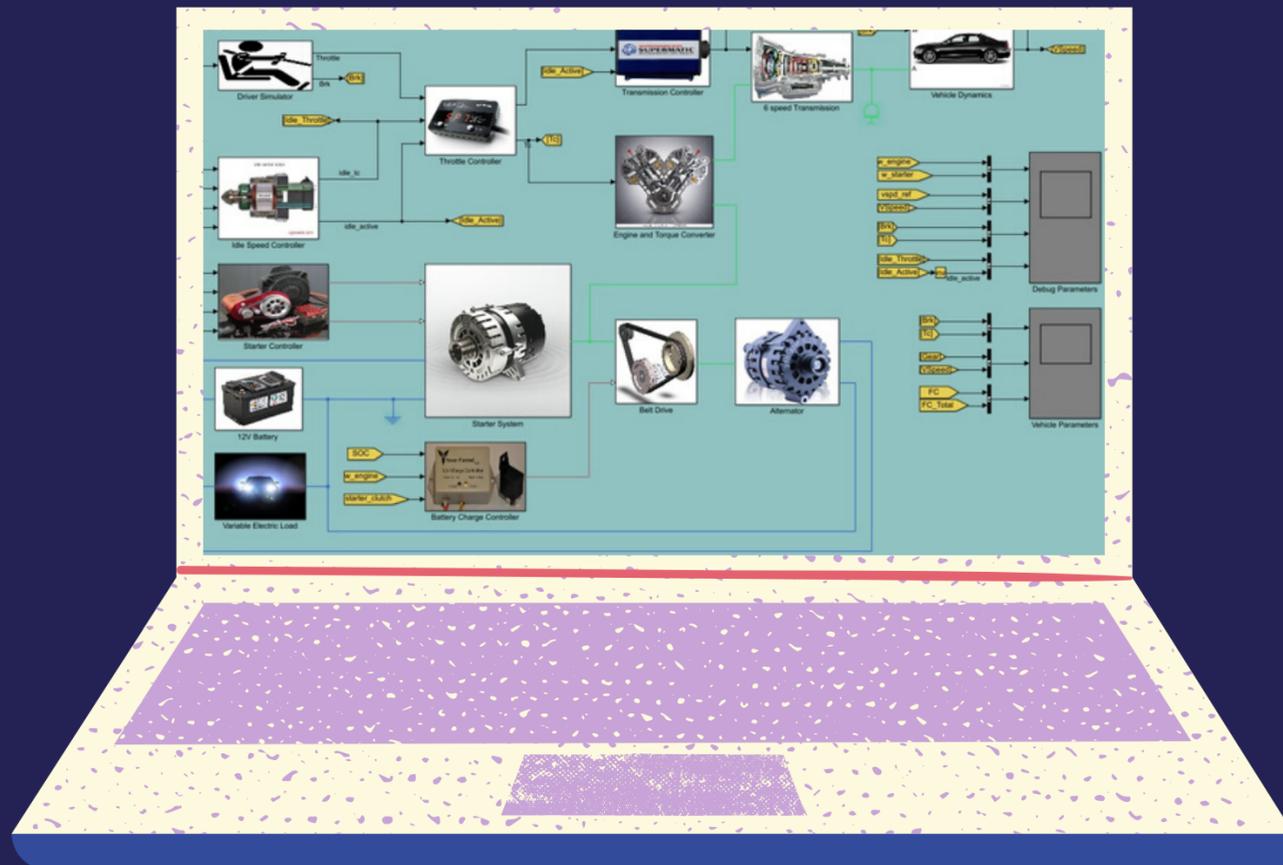




Hands on Controls

500 hours of project based learning



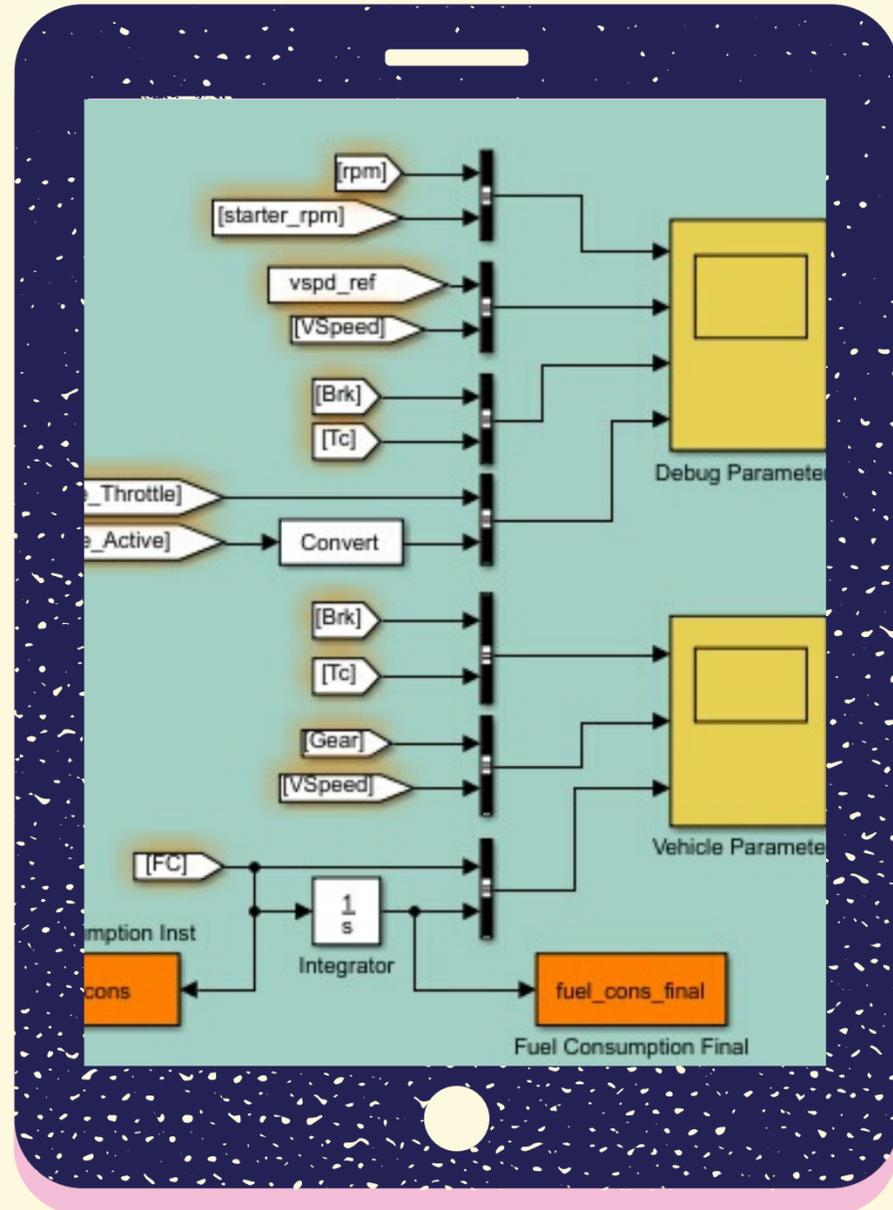


Pre-requisites? Nerd!

Automotive engineers with fundamental knowledge of dynamics and controls and basic skills in Matlab/Simulink who can spend an hour for live session and 5-7 hours per day for research assignment

Engineers comfortable to work on task based assignments with a live mentor (as opposed to blackboard training by a teacher)





Is it a training or an internship?

HOC-2 brings the best from both the worlds. You will work on a live research project just like you would on a job and also attend live reviews, mentor sessions every day.

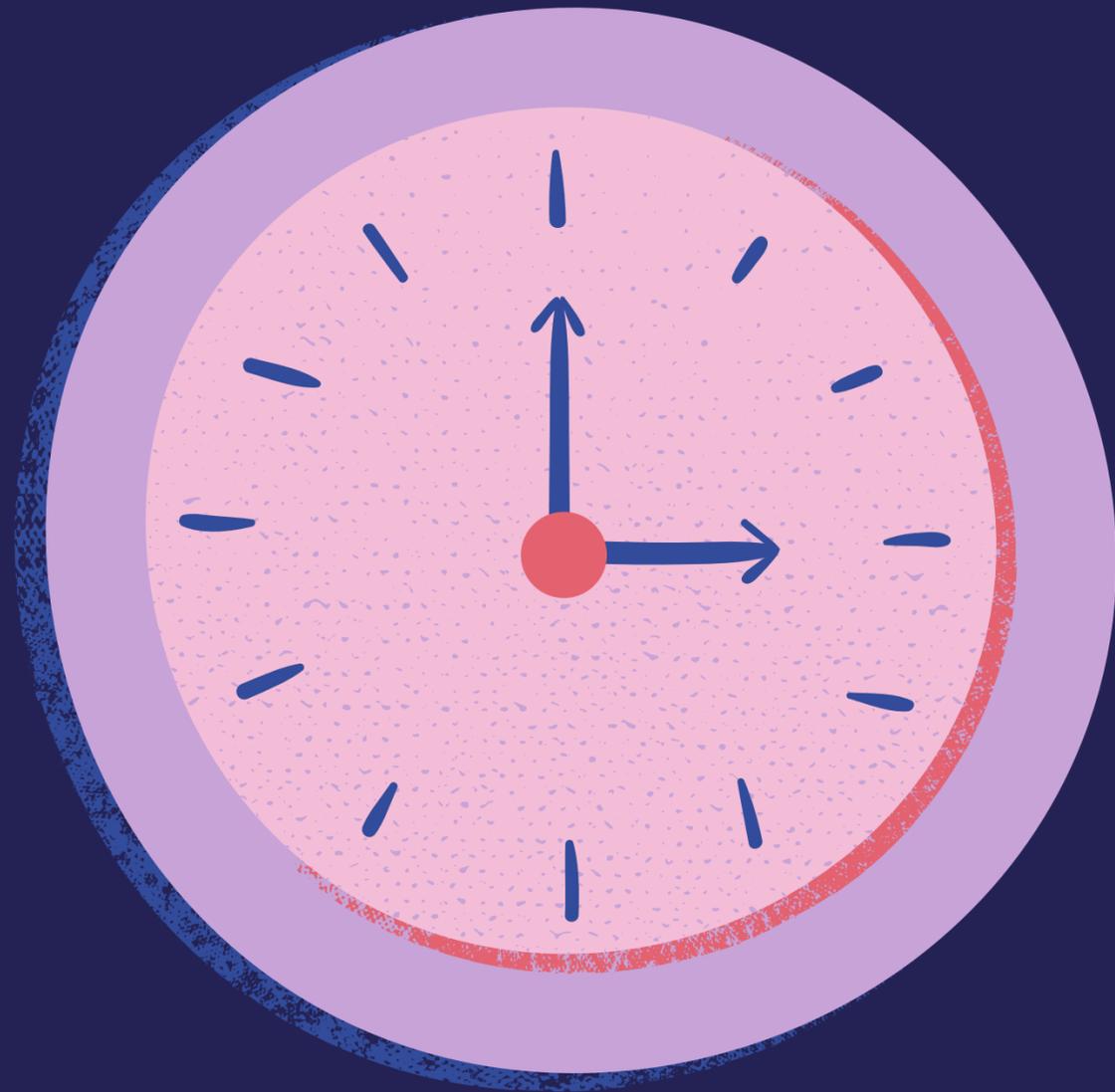




Daily activities

You will read research papers, model vehicle systems, write scripts, design algorithms, design test scenarios, run MIL tests, analyze simulation results and write IEEE/SAE format report on your work at the end along with a presentation.

The tentative research topics are transmission controls, HEV supervisory control, EV modeling and control, subsystem modeling and control



Schedule

You will attend a live session with a mentor daily at 10am EST to present your work, discuss progress, address issues, get guidance and nudges for the successful completion of your project.

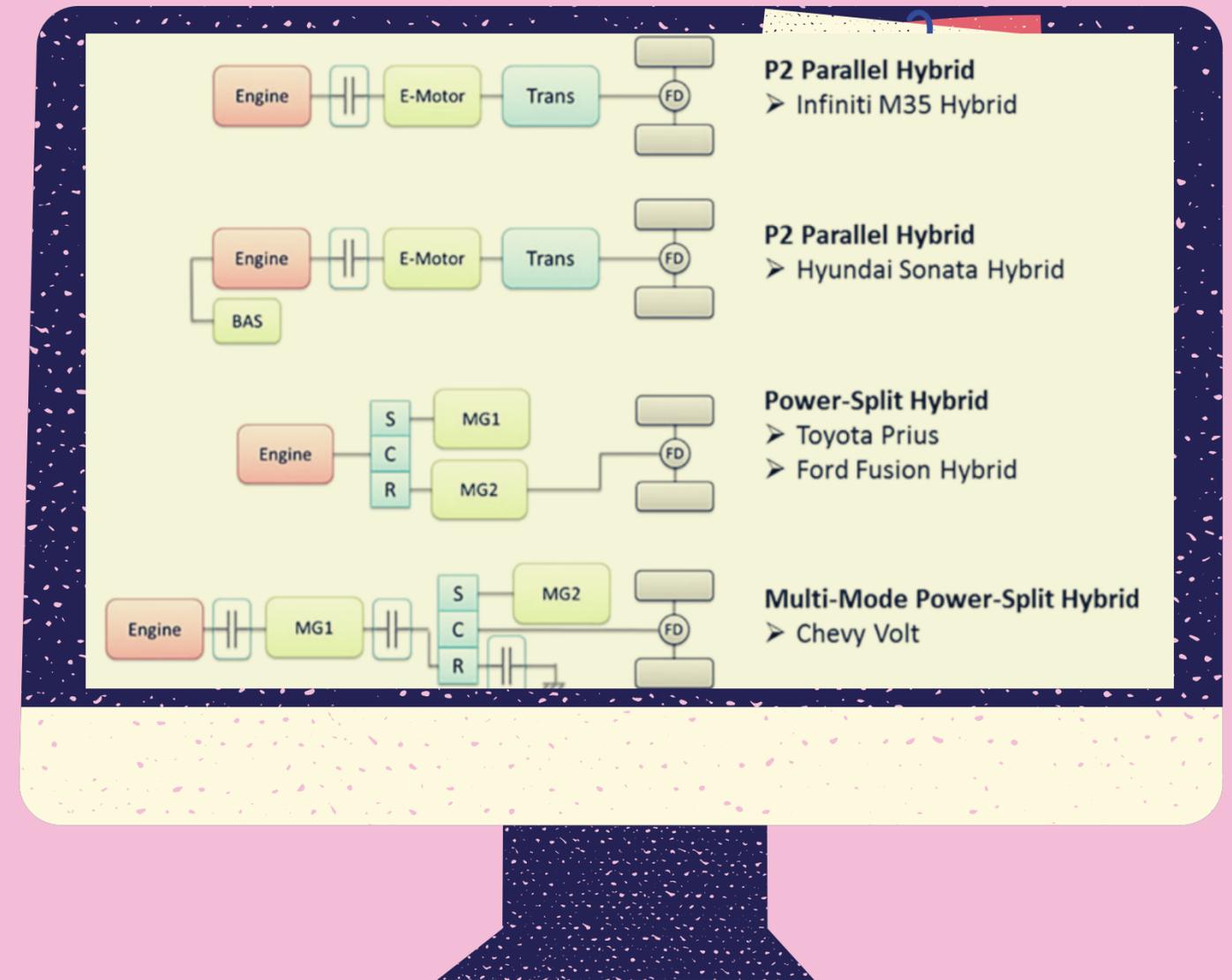
You are expected to plan and complete your daily/weekly tasks after the live session which would take 5-7 hours per day depending on your skill level.



What will be provided?

You'll get access to our collection of e-books, research material, free learning resources, tutorials on third party websites, MIY access for 30 days, company email ID.

You will get to interact with our employees to exchange ideas and get guidance on your work every week.



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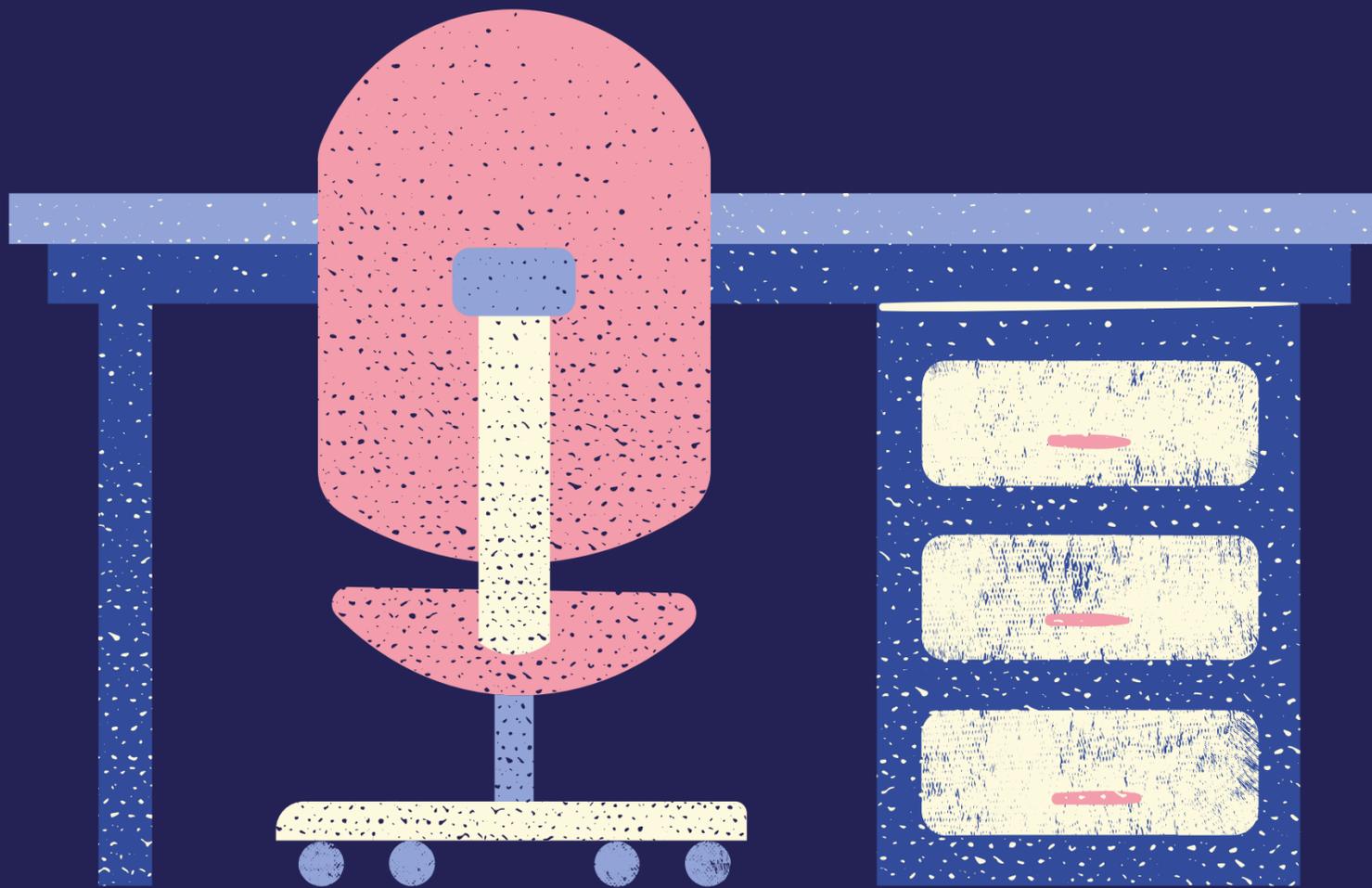
Work authorization

HOC-2 intake is only for those in the USA with a valid GREEN CARD/CPT/OPT or CITIZENSHIP. WE do not transfer H1b visa for the attendees of this program but shall consider a transfer if you happen to end up working with us full time post completion of this program.

For attendees from EU, you do not need any authorization as such for attending this program. But we encourage you to work with your country's immigration status requirements before enrollment.

Attendees within INDIA do not need any additional authorization.





What do I need?

You will be working remotely from your home office and it is expected that you get your own desk, chair and a computer.

On software front you are expected to get your own MS office, Outlook will be provided, you are also expected to get your own Matlab/Simulink license.



What's in it for me after completion?

- First hand experience & a letter
- Certificate
- Industry references
- Letter of recommendation
- Get MIY series access for free
- Work on projects that matter
- Get a live mentor
- Maintain your visa status
- Get US job assistance
- Guest session(s) industry experts
- Demonstrable work for interviews
- Potential to convert to a full time role



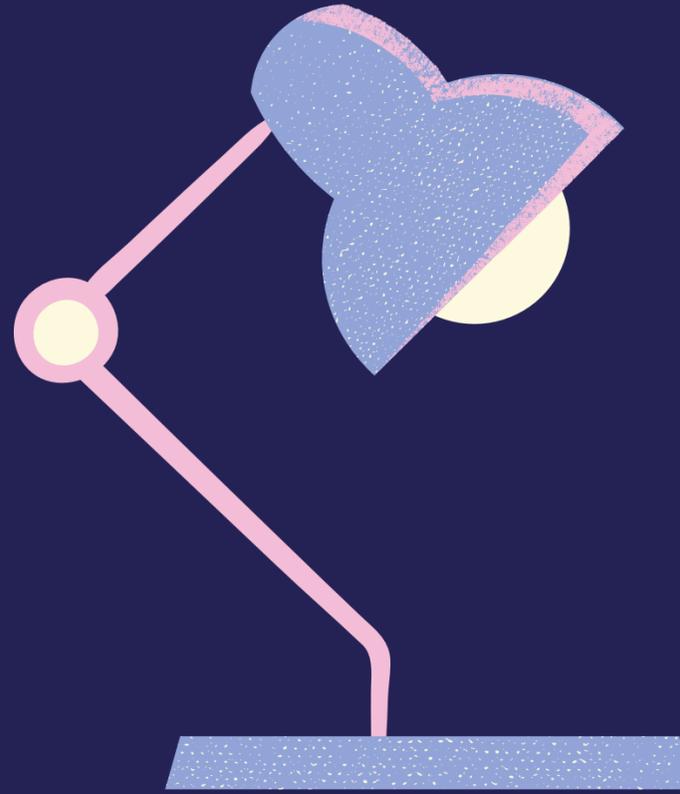


Job eligibility

At the end of the program you will be able to conduct your own research, eligible to perform entry level/mid level jobs in the field of model based controls and software development for:

- Powertrain systems
- Electrification systemes
- Chassis systems
- ADAS
- Stability and active safety systems
- Transmission controls





Need us to throw light on more questions?

Write to Mayuri Paralikar (mayuri@dorleco.com) for more info. The enrollment deadline is Dec 20 and the program starts on Jan 5.