

DGenie Participant FAQ

For CDAC C2S students, faculty, FPOCs, and participating institutions

Access is currently intended for eligible CDAC C2S affiliated colleges and approved participants under the AQ-CDAC Program.

This FAQ explains how participants can enrol, get access, start using DGenie, and seek support. It is written for students, faculty members, Faculty Points of Contact (FPOCs), and college administrators participating through the CDAC C2S program.

DGenie is AsterQuanta's AI-native semiconductor design learning and design-assist platform. It helps participants explore analog circuits, simulation-driven learning workflows, and AI-agent-based design methods using a guided platform environment.

Important: DGenie is a learning and design-assist platform. It is not a replacement for commercial sign-off EDA tools or a substitute for formal academic evaluation by the participant's institution.

Quick Access Summary

Participant type	What you should do first	Who enables access	Expected next step
Student	Attend AQ Masterclass / Demo and coordinate through your college FPOC.	College FPOC / authorized faculty admin	Receive credentials and start with the Quick Start Guide.
Faculty / SME faculty	Coordinate with the registered C2S FPOC and complete the required access forms.	C2S FPOC / AQ-CDAC process	Attend demo, receive access, and onboard students.
FPOC / faculty admin	Submit institutional interest and user details through the required forms.	AQ-CDAC onboarding process	Use admin access to add eligible students and faculty.
Non-C2S college / startup / independent researcher	Register interest through AsterQuanta's public website.	Future AQ process, subject to availability	Wait for non-CDAC or commercial access options.

Current program constraint: access is limited to eligible colleges and participants under the CDAC C2S program.

A maximum of up to 10 users per college may be supported under the current program unless AQ/CDAC communicates otherwise

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Participant FAQ

1. I am a student. How do I enrol to get DGenie access?

Students should enrol through their college's C2S Faculty Point of Contact (FPOC). Access is currently open only for eligible CDAC C2S affiliated colleges and primarily for EC / CS and allied branches such as AI, ML, and MCA.

1. Register for and attend the AsterQuanta Masterclass announced through CDAC C2S communications.
2. Save the Form-1: Expression of Interest for Demo link shared during the Masterclass.
3. Coordinate with your FPOC and interested classmates to request a DGenie demo.
4. Attend the AQ demo session when invited.
5. Provide your name and official college email ID to your FPOC for access creation.
6. Activate the credentials you receive from AsterQuanta and begin with the Quick Start Guide.

2. I am a Faculty Point of Contact (FPOC). How do I enrol my faculty members and students?

The FPOC should coordinate the institutional request for demo and access. The FPOC or authorized faculty member should complete the required forms, nominate eligible faculty users, and provide student details using official college email IDs.

1. Attend or review the AQ Masterclass communication shared through CDAC.
2. Fill Form-1: Expression of Interest for Demo for your institution.
3. Invite interested EC / CS faculty and students to the demo session.
4. Submit Form-2: Application for DGenie Access with the required user details.
5. After access is granted, use admin privileges to add approved users and guide them to the self-help resources.

3. I am a faculty admin. How do I add new students or associate faculty members?

A faculty member with admin access can add eligible users from their own institution through the DGenie platform. Admin access should be used carefully and only for approved academic users.

1. Log in to the DGenie platform.
2. Open Settings.
3. Select Add User.
4. Enter the user's full name and official college email ID.
5. Provide normal user access unless admin access has been explicitly approved.
6. Inform the new user that the platform is for academic learning and should not be used for commercial purposes without prior written approval from AsterQuanta.

4. I have received DGenie access. How do I start?

Start with the onboarding resources before attempting advanced workflows. The recommended path is Quick Start Guide, User Scenarios, User Manual, then guided practice inside DGenie.

- Begin with the Quick Start Guide for first-time users.
- Review the User Scenarios document to understand basic, intermediate, and advanced learning paths.
- Use the DGenie User Manual for detailed navigation.

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- Explore preloaded Razavi circuits, AI agents, and the platform navigation flow.
- Practice using the sample workflows before uploading or modifying your own learning exercises.

5. I have doubts while using DGenie. How do I get support?

Use the support ladder below. Start with peer and faculty support, then escalate only when the doubt cannot be resolved using the available resources.

- L1 - Peer learning: ask your DGenie user group or faculty mentor within your college.
- L2 - Community support: post the question in the AQ/CDAC-supported user community, if available.
- L3 - Ticketing support: raise a ticket through the CDAC ticketing platform, if provided for the program.
- L4 - Clarification sessions: attend AQ/CDAC demo, webinar, or doubt-clearing sessions.
- L5 - Email support: write to support@asterquanta.com for issues that remain unresolved.

6. My college has DGenie access, but I did not attend the Masterclass or demo. Can I still get access?

Yes, if your college has approved DGenie access and your FPOC or faculty admin confirms your eligibility. Contact your FPOC, request access through the college admin, and review the recorded or written onboarding material before using the platform.

7. We submitted Form-1 but have not received a demo invite. What should we do?

AQ and CDAC may provide access in batches based on program scheduling and the seniority of applications. Your FPOC will be informed when your institution is scheduled for demo or access onboarding. Students should follow up through the FPOC rather than submitting duplicate requests individually.

8. My college is not under C2S. How can I enrol?

Current access is limited to colleges registered under the CDAC C2S program. Non-C2S colleges can register interest through the AsterQuanta website by using the Request a Demo form. AsterQuanta may contact interested institutions when non-CDAC access becomes available.

9. I am from a startup or I am an independent researcher. Can I use DGenie?

The current CDAC program is focused on C2S affiliated colleges. Startups, industry users, and independent researchers can register interest for commercial access through AsterQuanta's website. Commercial or non-academic usage requires separate approval from AsterQuanta.

10. I am the registered C2S FPOC. Can I nominate another faculty member to support students?

Yes. The registered FPOC may nominate another faculty member during the Form-2: Application for DGenie Access process. The nominee should be an appropriate faculty guide for EC / CS students and should understand the responsibility of adding only eligible users.

11. Is DGenie another EDA tool?

No. DGenie is not a conventional EDA tool. It is an AI-native semiconductor design learning and design-assist platform that connects circuit learning, simulation workflows, AI agents, and guided experimentation.

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Commercial EDA tools remain important for production-grade design, verification, layout, and sign-off. DGenie is intended to help learners and researchers understand, explore, and accelerate design workflows rather than replace established sign-off tools.

12. Is DGenie only for analog semiconductor design, or can it be used for digital design too?

The current program is focused primarily on analog and mixed-signal semiconductor design learning, simulation, and AI-agent workflows. Some concepts - such as AI-assisted design methodology, workflow automation, documentation, and design-space exploration - may be useful to digital design learners as well. However, the current learning content and examples should be treated as analog-first unless AQ/CDAC announces additional digital modules.

13. I do not have AI expertise. Can I still use DGenie?

Yes. DGenie is designed so that students and faculty can begin from guided examples and platform workflows without first becoming AI experts. Participants interested in AI can go deeper into AI-agent concepts, reinforcement learning workflows, and design-space exploration over time. For beginners, the recommended approach is to first use the preloaded circuits and guided scenarios.

14. Does DGenie work with open-source EDA tools like NGSpice?

Yes. DGenie is designed to support open-source simulation-driven learning workflows, including NGSpice-based circuit simulation where available in the platform environment. Participants should follow the specific workflows and examples provided in the AQ user manual and demo sessions.

15. Does DGenie work with commercial EDA tools such as Cadence?

DGenie's platform strategy includes interoperability with established EDA environments through connectors and workflow integration. Under the current participant program, users should follow the AQ/CDAC-provided environment and should not assume that access to commercial EDA tools is included. Commercial EDA integration, where applicable, may require separate institutional licenses, configuration, and approval.

16. Do you offer certification as part of the DGenie university program?

Certification may be offered only if formally announced by AQ/CDAC for a specific cohort, masterclass, or learning program. Participation in a Masterclass, demo, or platform access program should not automatically be treated as certification unless a certificate process is explicitly communicated.

Detailed User Scenarios

Scenario 1 - Student enrolment and access

A student from an EC / CS or allied program wants to learn analog circuit design, simulation, or AI-agent development using DGenie.

Key constraints / prerequisites:

- College must be registered under CDAC C2S.
- Student should have an official college email ID.
- Student should coordinate through the FPOC.
- Current program access may be limited by user count per college.

Recommended flow:

1. Receive Masterclass information from CDAC.
2. Register through the C2S training information page.
3. Attend the AsterQuanta Masterclass.
4. Share interest with the FPOC and help form a learner group.
5. Ask the FPOC to submit Form-1 for demo.
6. Attend the AQ demo.
7. Provide official email details for Form-2 / access creation.
8. Activate credentials received from AsterQuanta.
9. Begin using DGenie with the Quick Start Guide.

Scenario 2 - FPOC enrolment for faculty and students

A registered C2S FPOC wants to onboard faculty members and students into the DGenie program.

Key constraints / prerequisites:

- The institution must be under CDAC C2S.
- Users should be eligible EC / CS or allied learners or faculty.
- User details should be collected accurately before access creation.

Recommended flow:

1. Review CDAC communication on the AQ Masterclass.
2. Attend the Masterclass or coordinate institutional participation.
3. Submit Form-1: Expression of Interest for Demo.
4. Invite eligible faculty and students to the demo session.
5. Submit Form-2: Application for DGenie Access.
6. Receive institutional access / admin setup.
7. Add approved users and direct them to onboarding resources.

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Scenario 3 - Faculty admin adding new users

A faculty admin already has DGenie admin access and needs to add new approved students or faculty members.

Key constraints / prerequisites:

- Admin must add only approved users from the institution.
- Students should use official college email IDs.
- Admin access should not be casually assigned to students.
- Commercial usage is not permitted without prior written approval from AQ.

Recommended flow:

1. Log in to DGenie.
2. Open Settings.
3. Click Add User.
4. Enter name and official email ID.
5. Assign user access.
6. Share onboarding resources and usage expectations.

Scenario 4 - First-time use after access is granted

A new user wants to understand how to navigate DGenie and begin learning.

Key constraints / prerequisites:

- User should have activated credentials.
- User should review self-help material before requesting support.

Recommended flow:

1. Read the Quick Start Guide.
2. Review the User Scenarios document.
3. Open the DGenie User Manual.
4. Explore preloaded circuits and examples.
5. Practice basic workflows before moving to advanced AI-agent workflows.

Scenario 5 - Doubt clarification and support

A user has a platform-related doubt that cannot be resolved through the available self-help resources.

Key constraints / prerequisites:

- User should first review the Quick Start Guide, User Scenarios, and User Manual.
- Support channels may depend on CDAC/AQ program configuration for the cohort.

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Recommended flow:

1. Ask peers and faculty mentor.
2. Use community support, if available.
3. Raise a CDAC ticket, if applicable.
4. Attend clarification sessions.
5. Email support@asterquanta.com if the issue remains unresolved.

Important Links and References

- [CDAC C2S upcoming sessions](https://c2s.gov.in/upcoming_session.jsp) - https://c2s.gov.in/upcoming_session.jsp
- [CDAC EDA tool support / FPOC information](https://c2s.gov.in/EDA_Tool_Support.jsp) - https://c2s.gov.in/EDA_Tool_Support.jsp
- [DGenie Platform](https://academy-genie.asterquanta.com) - <https://academy-genie.asterquanta.com>
- [AsterQuanta Resources Webpage](#) (Quick Start Guide, User Scenarios, and User Manual)

Program Notes

- The AQ-CDAC DGenie access pathway may evolve by cohort, institution, or program phase. Participants should follow the latest communication from CDAC and AsterQuanta.
- Students should use official college email IDs for platform access wherever required.
- The current program is intended for academic learning, teaching, and research exposure. Commercial use requires separate written approval from AsterQuanta.
- Faculty admins should maintain appropriate user discipline, avoid unauthorized sharing of credentials, and ensure users follow institutional and program guidelines.