

CFD Engineer Master's Certification Program



SKILL  LYNC



Who are we?

Skill-Lync is an engineering e-learning platform based in Chennai. The brainchild of two engineers, we are at the forefront of re-shaping engineering education in India. In the winter of 2019, we became the first start-up from Chennai to be funded by Y-Combinator.

Today, close to 8000+ students from over 58 countries study at Skill-Lync. Over three years we have helped 280 engineers achieve their dream careers.

58+

Countries

8000+

Students

300+

Placements

30000+

Projects



About the program

The Masters in CFD program is a 12 month long, intensive program. The program comprises 6 courses that train you on all the essential engineering concepts and tools that are essential to get into top OEMs. as a CFD Engineer.

Why are the prerequisites and learning outcome for a student after selecting the CFD Engineer Master's Certification Program?

- You should be pursuing or have graduated with a B.E/B.Tech in Mechanical or Automotive Engineering
- The Masters' program from Skill-Lync offers a guided online program consisting of courses that will equip you with the skills required to apply for CFD relevant jobs, freelancing and product ownership opportunities.
- You will have an edge over your peers by working extensively on industry-relevant projects, practice on tools and software that will set you apart and help you in getting ahead of the competition.
- Our course will strengthen your portfolio to get better grants and scholarship opportunities for MS Admits, explore options in Research & Development, and land that much-coveted job in top core companies.

What are the employability options available to a student upon the completion of this program?

- There are various job opportunities that are available for a CFD engineer. These include CFD Model Builder, powertrain simulation engineer, CFD applications engineer, CFD verification and validation engineer and CFD Developer.
- A CFD engineer must be able to demonstrate knowledge in building high quality mesh; must be able to perform component level and system level (whole vehicle as a unit) simulation; must be able to analyse and visualise data.
- Having a portfolio of such projects can showcase your ability to perform mesh building, create inflation layers, ability to perform system level simulation and demonstrate knowledge of the complete simulation pipeline from model building to post processing simulation.



Our Support Engineers

Once you enroll in our program, we make sure to walk you through the entire coursework with our support engineers. Our technical support engineers are available round the clock to answer any questions or doubts that you may have while you go through our coursework.

You will be added to a whatsapp group where you can discuss your queries and you will also get dedicated one-on-one video calls with our support engineers.

This will make sure that you have a seamless learning experience.

Career Support

Counselling

Our career success team is here to sit with the students to understand their passion and goals to advise them towards the right career path. They also analyse their strengths and weaknesses to mould them towards success in the path they choose.

LinkedIn

Making the right connections on LinkedIn can be your gateway to many job opportunities. Our career support team helps you capitalise on this platform.

Resume

The resume of the candidate forms the first impression to the recruiter. That is why we help them create one that highlights their key skills, strengths and knowledge.

Tool Tests

The first round of every interview is where the candidate is judged on their technical skills. These are done by conducting various tool tests. Our students are specifically trained to ace this by our technical support team.

Mock Interviews

More the number of interviews a candidate attends, the better their confidence level. Our students are trained with several mock interviews so that they get enough exposure to understand their weak spots and prepare for the real one with ease.



Reasons to select this course

- Designed by Skill-Lync with inputs from academicians and industry experts to ensure that students are trained in the skills expected in the industry.
- Students will be supported by Skill-Lync's dedicated team of support engineers, who will answer all your questions around the clock.
- After you have completed 80% of your program syllabus, you will start to talk to the Skill-Lync career success team who will help you train for your interviews. They will also help you apply for the job roles that you are best equipped for. Alongside this, they will also help streamline your resume and your LinkedIn profile, such that the recruiters will come to you with job offers and not the other way around.

Course Syllabus

- Introduction to CFD using MATLAB and OpenFOAM
- Introduction to OpenFOAM Development
- Introduction to GUI based CFD using ANSYS FLUENT
- Introduction to Aero-Thermal simulation using Ansys Fluent
- Advanced CFD for IC Engine Applications using Converge
- Advanced Aerodynamic Simulations using Converge
- Advanced Turbomachinery Simulations using Converge
- IC Engine Calibration using GT-POWER and GT-SUITE
- Hybrid Electric Vehicle Simulation Using GT-SUITE
- Advanced CFD Meshing using ANSA

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Basic

9 Months Access

₹ 25000

Enroll Now

Per month for 10 months

- Access Duration : 9 months
- Mode of Delivery : Online
- Project Portfolio : Available
- Certification : Available
- Email Support : Available
- Whatsapp Support : Available
- Individual Video Support : 8/month
- Group Video Support : 8/Month

Pro

18 Months Access

₹ 30000

Enroll Now

Per month for 10 months

- Job Assistance : Available
- Master's Assistance : Available
- Access Duration : 18 months
- Mode of Delivery : Online
- Individual Video Support : 16/month
- Certification : Available
- Group Video Support : 16/Month
- Email Support : Available
- Whatsapp Support : Available
- Telephone Support : Available
- Add-ons Industry Projects : 10

Premium

Lifetime Access


₹ 35000


Enroll Now


Per month for 10 months


- Job Assistance : Available
- Master's Assistance : Available
- Access Duration : Lifetime
- Mode of Delivery : Online
- Individual Video Support : 24x7
- Certification : Available
- Group Video Support : 24x7
- Project Portfolio : Available
- Email Support : Available
- Whatsapp Support : Available
- Telephone Support : Available
- Add-ons Industry Projects : 15
- Offline Skill-Center Access : Available
- Dedicated Support Engineer : Available
- Paid Internship : 3 Months


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 <https://www.youtube.com/user/edxengine>

 [skill_lync](https://www.instagram.com/skill_lync)

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