

APPLIED AI COURSE

Agentic AI Coding: From Specification to Deployment

A hands-on 6-weekend program for professionals and students who want to build, ship and operate real AI agents — from writing a spec to deploying a full-stack application.

DATES

Sept 5 – Oct 10, 2026

TIMING

Sat & Sun, 10:30am–12pm

MODE

Fully online, via Zoom



Reserve Your Seat

Who this course is for

Software professionals in product/service industry

Engineering professionals looking to supercharge their work with AI

Start-up teams & national lab / academic researchers

UG, PG and research students or staff

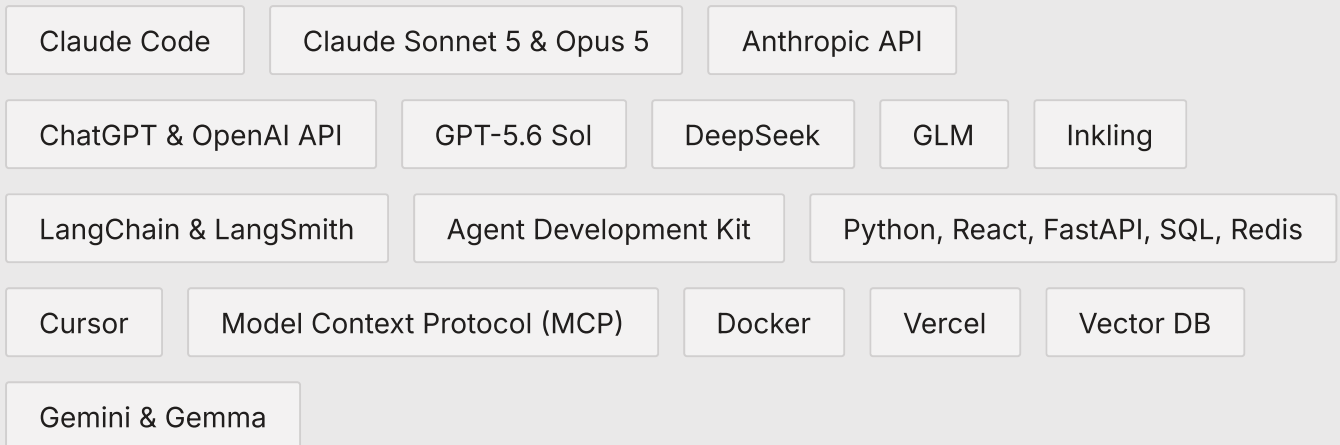
Career-break individuals and hobby developers returning to tech

Anyone aspiring to join the AI industry

What you'll learn

- Build end-to-end software projects on your own using agentic AI coding, even with zero prior coding experience.
- Learn the best practices for making AI agents work for you, streamlining your software development workflow.
- Read and understand what an agent generates, using Claude Skills, so you stay fully in control of your project.

Tools you'll use



Eligibility & prerequisites

MINIMUM QUALIFICATION

B.Tech, BCA or B.Com — students are also welcome to apply.

PREREQUISITE

A genuine interest in software development. No prior AI/ML background required.

What you'll need

HARDWARE

- A laptop (Windows, macOS or Linux) with at least 8GB RAM
- A stable internet connection
- No GPU required, and no Zoom account needed — just a browser to join live sessions

SUBSCRIPTIONS & ACCOUNTS

- A GitHub account
- A Claude Pro or ChatGPT Plus subscription (both cost roughly ₹2,000 + taxes/month) — either works. The instructor demonstrates using Claude Code, Cowork and Design on a Claude Pro subscription.
- A free-tier cloud account (AWS/GCP/Azure) for the deployment weeks
- A Vercel account (free tier) for hosting your projects

Schedule & dates

DURATION

6 weekends, Sept 5 –
Oct 10, 2026

CLASS TIMING

Saturdays & Sundays,
10:30am–12 noon

MODE

Fully online, live on
Zoom

Curriculum

Week 01

Sept 5–6, 2026

What is Agentic AI? Levels of autonomy of AI agents — augmented LLM calls, agentic workflows, single & multi-agent systems, fully autonomous agents.

Week 02

Sept 12–13, 2026

Agentic coding harness & specification-driven development — writing high-quality specs, vibe coding vs. SDD, writing correct tests.

Week 03

Sept 19–20, 2026

Building an end-to-end full-stack web application with agentic coding — front end & back end specs. Self-project begins.

Week 04

Sept 26–27, 2026

Writing full unit tests, CI/CD and cloud deployment of the application built in Week 03.

Week 05

Oct 3–4, 2026

Principled evaluation of the agentic coding lifecycle — the AI-driven software development lifecycle.

Week 06

Oct 10–11, 2026

High-level system design for new software applications. Final project presentations.



YOUR INSTRUCTOR

Prof. Deepak Subramani

Associate Professor, Department of Computational and Data Sciences, Indian Institute of Science, Bengaluru

PhD in Computational Engineering from the Massachusetts Institute of Technology (MIT), USA. Leads QUEST Lab at IISc, working on multi-modal AI, foundation models and agentic AI frameworks for real-world applications, with top-tier research publications.

Recipient of the IISc Award for Excellence in Teaching, with an average instructor rating of 4.91/5.

questlabiisc@gmail.com

Fee & Enrollment

₹25,000

Course fee

+18%

GST

₹29,500

Total payable

First come, first served. Seats confirmed on payment.

[Enroll Now](#)

Course queries: questlabiisc@gmail.com · Admin & payment: office.cce@iisc.ac.in

Frequently asked questions

Do I need prior AI or coding experience?

No AI background is required. You should be comfortable with basic programming concepts and genuinely interested in software development — the course teaches agentic workflows from first principles.

Is the course online or offline?

The course is fully online, conducted live on Zoom. You don't need a Zoom account — just browser access. Live sessions run Saturdays and Sundays, 10:30am–12pm.

What happens after I enroll?

You'll be added to the course's communication channels (Discord and the learning management system), and receive reading material and setup instructions by the first week of August. Enrolling early gives you more time to prepare before the course starts.

What if I miss a live session?

Sessions are recorded and shared with all enrolled participants, so you won't fall behind.

What if I have doubts?

The course Discord channels are your first and fastest source for getting doubts clarified. The instructor also holds bookable 1-on-1 or many-on-1 office hour sessions for structured discussions throughout the program.

Will I get a certificate?

Yes — participants who complete the course and final project receive a certificate of completion from IISc's Centre for Continuing Education.

What hardware or subscriptions do I need?

A laptop with at least 8GB RAM, a stable internet connection, a GitHub account, an AI coding assistant subscription, and a free-tier cloud account. See "What you'll need" above for details.

How experienced is the instructor at teaching online cohorts?

Prof. Deepak Subramani has trained 3,000+ working professionals and students through online programs under IISc's Centre for Continuing Education, across 15+ live cohort-based classes. He is an expert in online education and has an active research program in AI Education, with top-tier publications in *AI for Education* and *Computers & Education* — the highest-ranked journal in the field, even above *Nature Machine Intelligence*.

How do I enroll or ask a question?

Email questlabiisc@gmail.com for course content questions, or office.cce@iisc.ac.in for admissions and payment.
