



skillSTEM Academy LLP

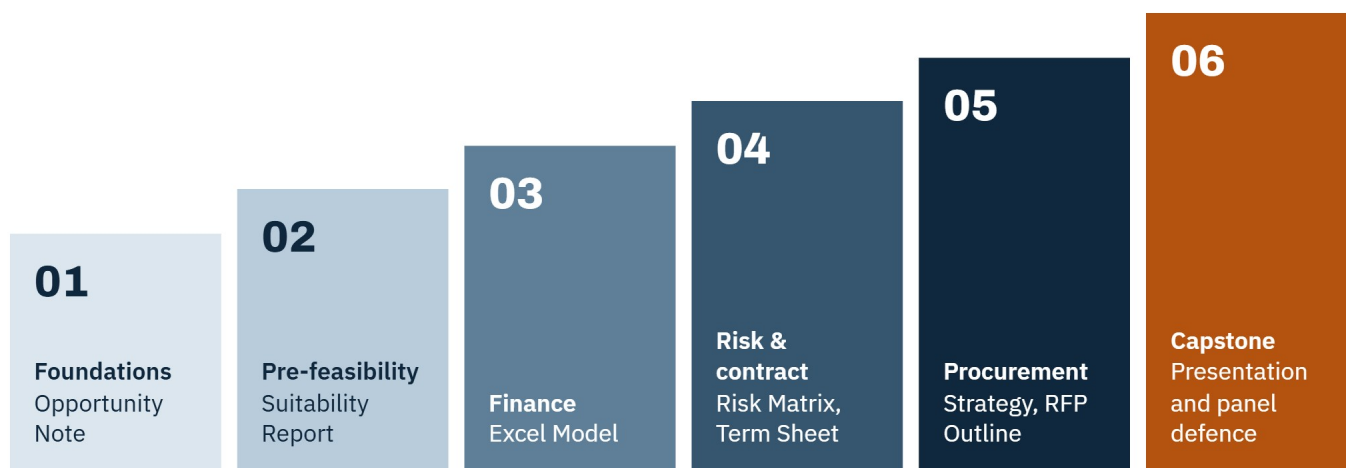
Programme brochure
Cohort 2026–27

APPLIED PPP PROJECT DEVELOPMENT PROGRAMME

Build one real PPP project, from idea to final defence.

A 6-month applied programme for engineering and management graduates moving into PPP and infrastructure project development. You take one flagship project through six simple, guided modules and finish with a six-part portfolio you can show employers.

ONE PROJECT · SIX MODULES · SIX OUTPUTS



6 months

plus 90 days of alumni mentor support

~25 hrs

a month, online and live in IST; fits around work

Up to 8

participants per cohort, each with a mentor

₹75,000

+ GST in India · US\$1,100 international

HOW IT WORKS

Learn a little, build a little, every week.

Who it is for

Education

A degree in engineering (any branch) or management. Planning, architecture, economics and finance graduates are welcome too.

Skills

Working knowledge of Excel. GIS or data skills help but are not required.

Experience

No PPP experience needed. Suits recent graduates and early-career professionals.

Before Month 1: your diagnostic

1

Take the diagnostic

A short check of Excel, basic accounting, your background and career goal.

2

Get your starting plan

Faculty suggest project sectors that suit you and any extra preparation.

3

Accounting primer, if advised

Revenue, cost, cash and depreciation, finished before Module 3.

A typical month: about 25 hours

Plus two one-day workshops: Month 3 (modelling) and Month 6 (presentation rehearsal).

4 h	2 h	2 h	16 to 18 h
Live sessions concepts, cases	Lab Excel (4 h in M3)	Mentor review + call	Your project work building the month's output, task by task

Every module has the same rhythm

WEEK 1 Learn Live sessions on the module's ideas, with Indian PPP cases.	WEEKS 2 AND 3 Build Short tasks and a modelling lab apply it to your own project.	WEEK 4 Review and submit Mentor feedback, a monthly call, then you submit the output.
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Reading the task pages

Each module is split into simple tasks of 1 to 4 hours. **W1 to W4** is the week of the month. Untagged tasks are your own project work, using public data only.

Session

Lab

Workshop

Mentor

Output

Defence

01 MONTH 1 PPP Foundations and the Indian Framework

OUTPUT 1
PPP Opportunity Note (2 pages)

PPP vs EPC · BOT, HAM, annuity, O&M and PPP-lite models · VGF · development rights and land value capture · how PPPs are approved in India

W1	Attend live sessions on PPP basics	Session
W1	Compare the PPP models in one simple table	
W2	Summarise VGF, development rights and land value capture	
W2	Draw the Indian PPP approval steps as a flowchart	
W3	Shortlist three possible projects from public data	
W3	Score the three and pick your flagship project	
W3	Set up the Excel workbook you will use all programme	Lab
W4	Draft the 2-page Opportunity Note	
W4	Mentor feedback and monthly call	Mentor
W4	Revise and submit Output 1	Output

02 MONTH 2 Project Identification and Pre-feasibility

OUTPUT 2
Pre-feasibility and PPP Suitability Report

Demand assessment · GIS and catchment analysis · technical concept · CAPEX and OPEX · revenue options · stakeholders · PPP vs conventional procurement

W1	Attend live sessions on pre-feasibility	Session
W1	Collect public data into a data log, with sources	
W2	Estimate demand step by step: population, share, growth	
W2	Map the site and catchment area (GIS)	
W2	Describe the technical concept with a simple sketch	
W3	Build up CAPEX and OPEX: quantity × unit rate	Lab
W3	List the realistic revenue options	
W3	Map stakeholders by interest and influence	
W3	Compare PPP with conventional procurement	
W4	Draft the report with a clear recommendation	
W4	Mentor feedback and monthly call	Mentor
W4	Revise and submit Output 2	Output

03

MONTH 3

Infrastructure Finance and Financial Modelling

OUTPUT 3

Excel project-finance model
+ 2-page viability note

Accounting basics · project cash flow · NPV, IRR, DSCR · debt and equity · VGF and annuity support · stress testing

W1	Attend live sessions on project finance	Session
W1	Build the Inputs sheet: every assumption in one place	Lab
W2	Schedule construction spend and how it is funded	
W2	Project revenue and OPEX year by year	
W3	Build the cash flow and calculate IRR and NPV	
W3	Add the debt schedule and DSCR	
W3	Stress test: CAPEX +20%, revenue -20%, delay, rates	
W3	One-day modelling workshop with faculty	Workshop
W4	Check the model: links, signs, sources = uses	
W4	Write the 2-page viability note	
W4	Mentor feedback and monthly call	Mentor
W4	Revise and submit Output 3	Output

04

MONTH 4

Risk, Commercial and Contract Structure

OUTPUT 4

Risk Matrix and Term Sheet

Risk allocation · payment mechanisms and KPIs · termination, force majeure, change in law · disputes · contract management · Indian model concession agreements

W1	Attend live sessions on risk and contracts	Session
W1	Read one Indian model concession agreement	
W2	List the risks phase by phase	
W2	Set up the risk matrix in Excel	Lab
W2	Score each risk and give it to the party best able to manage it	
W3	Choose the payment mechanism and 5 to 8 KPIs	
W3	Draft the term sheet, clause by clause	
W4	Note how the contract will be managed after award	
W4	Mentor feedback and monthly call	Mentor
W4	Revise and submit Output 4	Output

05 MONTH 5 Procurement and Market Sounding

OUTPUT 5 Procurement Strategy and RFP Outline

EOI, RFQ and RFP · qualification and evaluation criteria · QCBS · concession bidding · lender requirements · market sounding

W1	Attend live sessions on procurement	Session
W1	Plan the procurement route and timeline	
W2	Prepare market sounding: likely bidders, lenders, questions	
W2	Set technical and financial qualification criteria	
W3	Choose the bid evaluation method and explain why	
W3	Test the method on three sample bids in Excel	Lab
W3	Write the checklist of what lenders need to see	
W4	Draft the strategy and RFP outline	
W4	Mentor feedback and monthly call	Mentor
W4	Revise and submit Output 5	Output

06 MONTH 6 Capstone and Final Defence

OUTPUT 6 Investor and Government Presentation, defended before a panel

Lessons from failed and renegotiated PPPs · value for money and fiscal impact · integrating the project · presenting to decision-makers

W1	Attend live sessions on the capstone	Session
W1	Draw three lessons from a failed or renegotiated PPP	
W2	Work out value for money and fiscal impact	Lab
W2	Make sure all five outputs match the final model	
W2	Write the storyline as 10 to 12 slide titles	
W3	Build the deck: one message per slide	
W3	Prepare answers to 15 likely panel questions	
W3	One-day presentation rehearsal	Workshop
W4	Final mentor feedback	Mentor
W4	Present and defend your project before the panel	Defence

WHAT YOU LEAVE WITH

A portfolio, a certificate and 90 days of support.

Assessed on your work, not an exam

Outputs 1 to 5 · 12% each · 60%

Output 6 · 20%

Defence · 20%

Each output is marked against a published rubric. The panel includes a skillSTEM mentor and an external PPP practitioner. Pass and you receive the **skillSTEM Certificate in Applied Urban Infrastructure and PPP Project Development** and your complete portfolio. This is not a CP3P certification; CP3P exams are booked with APMG separately.

Alumni support for 90 days after your defence

3

mentor check-ins of 45 minutes on next steps and roles

1

CV and portfolio review, including LinkedIn

1

mock interview defending your project and model

You book the sessions. Unused sessions lapse after 90 days.

Fee, paid in four instalments as you progress

Instalment	Due	India	International
1. Enrolment and diagnostic	On enrolment	₹20,000 + GST	US\$300
2. Finance module	Start of Month 3	₹20,000 + GST	US\$300
3. Procurement module	Start of Month 5	₹20,000 + GST	US\$300
4. Final defence	Before the defence	₹15,000 + GST	US\$200
Total		₹75,000 + GST	US\$1,100

₹88,500 including 18% GST. Covers the diagnostic, sessions, labs, workshops, mentor reviews, defence, certificate and alumni support. Excludes external exam fees (such as CP3P) and travel to workshops.

Good to know: all tasks are learning tasks using public data only, never employer or client data. You own your outputs and can use them in job applications. The programme builds capability and a portfolio for entry-level PPP roles; it does not guarantee a job or placement.



Ready to build your first PPP project?

Up to 8 places per cohort. Enquire to book your diagnostic.

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