

SELFMADE CENTRE OF EXCELLENCE

Buyer's Guide for Colleges

A Centre of Excellence in AI, Cyber Security and Cloud under your college's name: placement-ready students, records your IQAC and NBA coordinators can cite, and certified faculty. Set up and run by us, with a free 30-day pilot.

Placements

portfolios, certificates,
CTF ranks

Records

dated usage and
assessments, weekly

Faculty

live online FDP, Certified
Trainers

30 days

free pilot

Prepared for

Principals, Heads of Department, Controllers of Examinations and Placement Officers. Includes a ready-to-sign approval note for the HoD to send to the Principal (page 7).

Presented by

Sibidharan N

Chief Executive Officer, Selfmade Ninja
Academy

What a Selfmade Centre of Excellence gives your college

A Centre of Excellence in AI, Cyber Security and Cloud under your college's name. We set it up and run it for you.

A Centre of Excellence is how an institution adopts new technology well: standard processes and trained people. A Selfmade Centre gives your college both. Every student builds on real machines with the open-source tools the industry runs on, faculty are trained as Selfmade Certified Trainers, and every lab, test and project leaves a record you can cite.

Placements

Students with project portfolios, certificates and CTF ranks they can show recruiters.

NAAC & NBA records

Dated usage and assessment records your IQAC and NBA coordinators can cite (e.g. NAAC 2.3.1, 4.3.1; NBA 7.2 or 7.5).

Visibility

A Centre your Principal can show visitors, parents and management, with hackathons and CTFs hosted under your college's name.

Faculty

An online Faculty Development Programme: live sessions on fixed dates over six days or more, with an end test and a dated certificate. Faculty who complete it become Selfmade Certified Trainers.

Admissions

A "Centre of Excellence in AI, Cyber Security and Cloud" you can name in your admissions brochure.

No setup burden

We run it and send you a usage report every week. Students install nothing.

How it works

A Selfmade Centre of Excellence (CoE) is your college's own private cloud for end-to-end technology engineering practice. Most colleges run the Centre on their own dedicated server, hosted by us with or without GPU, or on your premises and managed by us, with a dedicated public IP and your college's domain. A single department can also start smaller, on its own workspace. Students and faculty log in from lab computers, laptops or home. There is nothing to install. **We set it up and run it; your staff and students simply use it.**

A real cloud machine for every student

Each student gets their own machines in the browser, with nothing to install on lab computers or laptops.

Every stack, every department

Programming, web, database and Linux machines, ready for any course in the syllabus.

Terminal, code and desktop labs

Terminal, code and CTF labs, plus desktop labs for security and programming.

Security on real machines

CTF machines and missions: real vulnerable systems that students learn to break into and fix, safely.

Coding practice and contests

Code Arena, quizzes, leaderboards and events, from weekly class tests to campus hackathons.

AI that teaches

Learn AI explains concepts, Roadmap AI guides students, and Syllabus AI follows your own syllabus.

About us. Selfmade Ninja Academy builds and runs Selfmade Ninja Labs: 8,000+ people have signed in to our labs, and 22,000+ accounts on our academy's GitLab. Selfmade Workspace (selfmade.work) delivers the same platform as a private cloud for institutions, managed end to end by our team. Our labs have hosted 4,000+ participants across two editions of Yukthi, the CTF we ran with Tamil Nadu Police.

Benefits mapped to NEP 2020, NAAC and NBA

Each benefit below is linked to the clause your IQAC or NBA coordinator would cite. The Centre does not award accreditation marks; it gives you the facility and the records to show against these points.

Benefit of the CoE	NEP 2020 paragraph	NAAC metric	NBA point (list the CoE once)
A real cloud machine for every student, in the browser	Para 24.4(f) virtual labs giving all students "equal access to quality practical and hands-on experiment-based learning experiences"	4.3.1 institution frequently updates its IT facilities	7.2 additional facilities to improve the lab learning experience
Hands-on labs for any course: programming, web, database, Linux	Para 12.2 autonomy to innovate on curriculum and pedagogy	2.3.1 experiential learning and ICT-enabled teaching	7.2 additional facilities to improve the lab learning experience
Weekly lab-usage reports, customised to your needs	Supports Para 12.2 pedagogy	2.3.1 evidence of ICT-enabled, student-centric methods	Usage records for the CoE entry under 7.2 (Table 7.2.1 asks for utilization); they complement, not replace, Table 7.1.1 for your physical labs
Practical exams on real machines, with records	Para 12.2 autonomy to innovate on assessment	NAAC's assessment of evaluation (auto./Univ.; no metric no.)	3.3 evaluation of laboratory work (Continuous and SEE)
CTF security machines, coding contests and hackathons	Para 23.10 approved partners delivering training in disruptive technologies	2.3.1 experiential and problem-solving methods	4.7.1 club events; 4.7.2 students competing at other institutes
AI tutor that follows your syllabus (Learn AI, Syllabus AI, Roadmap AI)	Para 23.8 the education system must respond to AI	2.3.1 ICT-enabled tools including online resources	Part of the single CoE entry (7.2 or 7.5)
Fully managed: updates, monitoring and support by us	Supports the practical learning goals above	4.3.1 frequently updated IT facilities	Not claimed (7.3 covers the department's own labs)
Project machines for mini and final-year projects	Para 24.4(f) virtual labs for hands-on, experiment-based learning	1.3.2 project work (affiliated); auto./Univ.: name project-work area (no metric no.)	7.5 project / research laboratory / Centre of Excellence
Live online FDP on fixed dates; faculty become Selfmade Certified Trainers		FDP participation records for NAAC's and NBA's faculty-development criteria, once run with fixed dates, attendance and an end test	FDP participation records for NAAC's and NBA's faculty-development criteria, once run with fixed dates, attendance and an end test

How to read the references.

NEP 2020: paragraph numbers from the National Education Policy 2020 (Ministry of Education). Para 12.2 gives institutions "the autonomy to innovate on matters of curriculum, pedagogy, and assessment"; Para 23.8 says "the education system must be poised to respond quickly" to AI; Para 23.10 says institutions "will have autonomy to approve institutional and non-institutional partners to deliver such training" (training in disruptive technologies); Para 24.4(f) calls for virtual labs so that "all students have equal access to quality practical and hands-on experiment-based learning experiences".

NAAC: 2.3.1 and 4.3.1 from the affiliated-college manual (ICT-enabled teaching; up-to-date IT facilities). Project work: **1.3.2** (affiliated); for autonomous/University, name the project-work area without a metric number. Examinations (autonomous/University): name NAAC's assessment of evaluation without a metric number. Deemed/private universities follow the University manual. Metric numbers are from the current NAAC RAF manual and will be remapped when the binary/MBGL framework launches.

NBA (UG Engineering SAR): Criterion 7 "Facilities and Technical Support": 7.1 Labs, 7.2 Additional Facilities, 7.3 Maintenance, 7.4 Safety, 7.5 Project / Research Laboratory. List the CoE once, under 7.2 or 7.5 (7.5 names Centre of Excellence). Events (outside Criterion 7): **4.7.1** organised by the department's clubs and chapters; **4.7.2** students at other institutes. Industry partnership: **2.8** "Steps Taken for Enhancing Industry Institute Partnerships", separate from the facility entry.

Benefits by role

One Centre serves four offices in the college. Here is what each of them can count on from the first week.

FOR THE Principal

- **Accreditation evidence.** Usage records your IQAC and NBA coordinators can cite in their accreditation documentation.
- **Brand.** A visible Centre of Excellence for brochures, campus visits and parent conversations, on your college's own domain.
- **No servers to buy.** A hosted Centre runs on our infrastructure.
- **Start small.** Prove the value in one department, then extend campus-wide.

Decision you make: approve a free 30-day pilot; decide on next steps after you see the results.

FOR THE Head of Department

- **Labs for any course.** Programming, web, database, Linux and security machines, ready for the subjects you teach this semester.
- **No maintenance.** We run, update and monitor the platform. No reimaging lab systems, no software installs before each lab.
- **Practice beyond lab hours.** Students reach the same machines from home or hostel, in the browser.
- **AI that follows your syllabus,** so students get help between classes.
- **Your faculty, certified.** A live online FDP on fixed dates over six days or more. Faculty who complete it become Selfmade Certified Trainers who run the Centre.

Your role: nominate a faculty coordinator and a first batch of students.

FOR THE Controller of Examinations

- **Practical exams on real machines.** Every candidate works on a real machine, not a simulation or a shared lab system.
- **Records you can keep.** Usage records show who worked, when and for how long, ready for audits and inspection files.
- **Roles and permissions** for administrators, faculty and students, set at college level.
- **Fewer lab-day failures.** Nothing to install on exam-hall systems; any computer with a browser works.

Your benefit: consistent, documented practical assessments across batches.

FOR THE Placement Officer

- **Job-ready skills.** Students practise on the same kinds of machines and tools they will meet at work: Linux, databases, web and security.
- **Coding contests.** Code Arena, quizzes and leaderboards for placement drives, mock tests and campus hackathons.
- **Security talent.** CTF machines and missions build the hands-on skills cyber security roles ask for.
- **Readiness at a glance.** Leaderboards and activity show which students are practising.
- **Certificates students can show.** Foundation, Practitioner and Advanced tiers, from the first batch.

Your benefit: a stronger, practice-ready batch for every recruiter visit.

The 30-day free pilot

One department, on a hosted Centre, for 30 days at no charge. Students get the full Centre, including Foundation, Practitioner and Advanced certificates; only GPU labs are outside the pilot. You see real usage from your own students before any purchase decision.

- | | | |
|---|--|--------------|
| 1 | Book a scoping call
The HoD books a slot at the link on page 6. We agree the department, the courses to cover, the first batch of students and a faculty coordinator. | Before day 1 |
| 2 | Approve internally
The HoD sends the approval note on page 7 to the Principal. The pilot is free: there is no payment for the 30 days. | Before day 1 |
| 3 | We set up your Centre
We set up the CoE on a dedicated hosted server and create accounts for the faculty and students you name, with roles and permissions for each. | Day 1 |
| 4 | Faculty Development Programme (FDP)
Your faculty take our online FDP: live sessions on fixed dates over six days or more, alongside our recorded Centre of Excellence sessions, with an end test and a dated certificate. Faculty who complete it become Selfmade Certified Trainers, with an elevated role in running the Centre. | Week 1 |
| 5 | Students use it in class and beyond
Students open their machines in the browser for lab sessions, assignments, practice and a coding contest or CTF event. Our team supports you by email, phone and WhatsApp. | Weeks 1 to 4 |
| 6 | Weekly usage reports
You receive lab-usage reports each week, customised to your needs, as records your coordinators can cite for the CoE entry (NBA 7.2 or 7.5) and NAAC 2.3.1 / 4.3.1. | Every week |
| 7 | Review and decide
We review the results with the HoD and Principal. Selfmade then sends a proposal in INR, usually for your own dedicated server (hosted or on your premises), or for one department to start smaller, or the college ends the pilot. Your data belongs to you and we export it on request. | Day 30 |

Proof: built and run at scale

22,000+

22,000+ accounts on our academy's GitLab

8,000+

8,000+ people have signed in to our labs

4,000+

participants across two editions of Yukthi, the CTF we ran with Tamil Nadu Police

Book your scoping call

One call is enough to agree the department, the first batch and a start date for your free pilot.

Schedule a call with our team

Pick a time that suits your department. We will show you a live Centre, answer questions from your Principal, HoD, Controller of Examinations or Placement Officer, and confirm your pilot.

calendar.app.google/JfTNB5n7SbCz5FjB9



Scan to book

WhatsApp support

+91 90359 54080

Call or message our own team.

Email

support@selfmade.ninja

For questions, quotes and documents.

Website

selfmade.work

Selfmade Workspace for institutions.

Your checklist for the call

- The department that will run the pilot
- The courses or labs to cover this semester
- The approximate number of students in the first batch
- The name of the faculty coordinator
- A preferred start date for the 30 days
- Whether you'd prefer the dedicated server hosted by us or on your premises

We would be glad to build a Selfmade Centre of Excellence with your college, and to show your team a live demo or set up a 30-day free pilot for your department.

Selfmade Ninja Academy

2nd Floor, 150, Gandhiji Road, Kalaimadu Silai Bus Stop,
Erode, Tamil Nadu 638001
GSTIN: 33ABKCS1691K1ZZ · selfmade.ninja · selfmade.work

Your contact

Sibidharan N, Chief Executive Officer
sibi@selfmade.ninja · +91 89034 44595

RECOMMENDATION TO ESTABLISH A CENTRE OF EXCELLENCE

To The Principal
From Head of the Department, Department of _____
Ref. No. _____ **Date:** _____
Subject Recommendation to run a 30-day free pilot of the Selfmade Centre of Excellence

Respected Sir / Madam,

I recommend that our department set up a Selfmade Centre of Excellence, offered by Selfmade Ninja Academy (selfmade.work). It gives every student a real cloud machine in the browser for programming, web, database, Linux and security labs, with coding contests, CTF machines and an AI tutor that follows our syllabus. The provider sets up, maintains and supports the platform, so the college has no servers to buy or maintain for the Centre.

- 1. Pilot.** A 30-day free pilot on a hosted Centre, for _____ students (year / section: _____), from _____ to _____
Faculty coordinator: _____
- 2. Accreditation value.** Usage records support the CoE entry under NBA 7.2 or 7.5 and the IQAC's narratives for NAAC 2.3.1 and 4.3.1, in line with NEP 2020 para 12.2 and para 24.4(f) on virtual labs. The Centre does not award accreditation marks.
- 3. After the pilot.** Selfmade sends a proposal in INR, usually for a dedicated server (hosted or on campus), or for one department to start smaller. Nothing is committed until the Principal approves it.
- 4. MoU.** If the college accepts the proposal, Selfmade and the college sign an MoU establishing the Centre.
- 5. Data and terms.** Our data remains the college's property and is exported on request. Final terms will be set out in a separate agreement.

I request your approval to begin the pilot, and to consider the proposal from Selfmade that follows it.

Signature of the HoD

Name: _____

Recommended by (IQAC / NBA Coordinator, optional)

Name: _____

PRINCIPAL'S DECISION

☐ Pilot approved ☐ Not approved

Remarks: _____

Signature of the Principal, with seal

Date