

Document ID	D01 - Government Pilot Concept Note
Version	v0.1
Date	2026-10-12
Status	Concept note for discussion with the Department
Prepared by	CMDLearn (founder: Shaan Shaik), Shahada, Nandurbar, Maharashtra
Contact	pilots@cmdlearn.com

CMDLearn: proposed AI education pilot in Zilla Parishad schools of Shahada and Taloda, Nandurbar

Status statement. CMDLearn is an early-stage startup. Its legal entity is being formed. The platform is still being built and has not been used in any school. There has been no pilot, there are no users and there are no results. CMDLearn has no government approval, selection, funding or purchase commitment. All numbers in this note are working drafts for discussion with the Department.

1. The problem (to be validated with the Department)

We would like to confirm with the Zilla Parishad Education Department whether the following needs are a priority for government schools in Shahada and Taloda. We do not present them as established district facts.

- Children in one class are often at very different learning levels, and one teacher must support all of them.
- Many children may learn better in Marathi, and some may speak a tribal home language, while most digital learning material is in English or Hindi.
- Teachers may spend substantial time preparing practice material and marking, leaving less time for children who need help most.
- Officers may have limited, delayed visibility of learning gaps by school and class.
- Children are beginning to meet open AI chatbots with no age limits, no link to the syllabus and no adult oversight. Age-appropriate AI literacy is becoming a basic skill.

2. Proposed solution

CMDLearn is an AI learning platform for Class 1 to 10, built on one rule: **AI supports the teacher, and the teacher decides.**

Component	What it does
AI tutor	Guides each child in Marathi or English (voice first for younger children), only within the syllabus, age level and topics the teacher has switched on. It guides rather than giving answers.
Teacher assistant	Drafts practice sheets, feedback and lesson support that the teacher can use, edit or discard.
Assessment and competency tracking	Records what each child can and cannot yet do against a skills map.
AI literacy	Age-appropriate lessons on what AI is, how it can be wrong, and how to check it and use it safely.
Teacher dashboard	Shows which children need help first and what to try next.
District dashboard	Aggregated, role-based views for officers. Individual children never appear at department level.
Low bandwidth	Designed for weak internet, with offline use where technically feasible.

The tutor core exists as a tested prototype. The Marathi content, teacher dashboard, district dashboard and offline mode are being built and will be safety-reviewed before any child uses them.

3. Pilot design (working draft)

Field	Working draft
Geography	Shahada and Taloda blocks, Nandurbar district
Duration	6 months, after about 2 months of set-up and approvals
Schools	10-25 government / Zilla Parishad schools (final count approved by the Department)
Students	1,000-3,000 (final sample agreed after school selection)
Teachers	50-150 (final sample agreed after school selection)
Languages	Marathi first, plus English. Hindi only if the Department requires it
Comparison	Similar schools in the same blocks that receive the platform after the pilot (delayed start), if the Department agrees
Working budget	₹75 lakh planning figure, to be revised after scoping with the Department

How the pilot runs: (1) measure where children are, using instruments the Department approves in writing, before anything is installed; (2) train teachers; (3) use CMDLearn alongside normal teaching in timetabled slots; (4) review agreed measures every month with the nodal officer; (5) measure again with the same tests; (6) report what changed, what did not and what went wrong, including null or negative findings.

What will be measured: learning change from baseline by grade and skill, AI literacy, teacher adoption, student participation, attendance and engagement (only where data access is authorised), equity of take-up, system reliability, and value to the Department. **All targets are set only after the baseline**, never before.

Child safety and data: no student data is collected until data rules are agreed in writing with the Department. Minimal data, every field with a stated purpose and deletion date, role-based access, audit logs, an incident plan, and design around the Digital Personal Data Protection Act, 2023, with legal review before any real student data is collected. No advertising; children's data is never sold.

4. What we ask of the Department

1. An opportunity to present and demonstrate the platform (about 20 minutes).
2. Guidance on whether this pilot fits the Department's priorities, and which priority it should address.
3. Nomination of a nodal officer who can coordinate the pilot.
4. Guidance on the process for selecting pilot schools, and on required approvals.
5. Agreement, in writing, on measurement method and data rules before anything starts.
6. Guidance on the appropriate district or state mechanism for a government pilot (for example the Maharashtra startup and AI pilot programmes), so that any funding follows the correct process.

We are **not** asking for funding approval, procurement or any commitment at this stage.

5. Contact

Shaan Shaik, Founder, CMDLearn
Shahada, Nandurbar, Maharashtra
pilots@cmdlearn.com | www.cmdlearn.com