

## Assignment | EdTech Project Manager | Bhubaneswar

*Instruction to the candidate: Please attempt both questions and submit your responses as a PDF or PowerPoint presentation (maximum 7 slides for Q1 and 2 slides for Q2) within 3 days of receiving this email. Kindly lay out your assumptions clearly, reference any external materials used, and focus on clarity, prioritization, and contextual relevance to Odisha. While we do not expect perfect answers, we're keen to understand your approach to problem-solving.*

### Question 1: Creating a 3-Year EdTech Roadmap for Odisha (Format: PPT, maximum 7 slides)

#### Problem Statement:

As the EdTech consultant to the state of **Odisha**, you have been tasked with developing a **3-year EdTech roadmap** for strengthening digital learning in grade 6-8 in government schools. The roadmap will be presented to senior state officials at OSEPA and the Executive Committee.

#### Your response should include (at minimum):

- Objectives/Targets to be achieved by the end of 3 years
- Key activities and interventions needed to meet those targets
- Budget outline (indicating Centre vs. State share under Samagra Shiksha)
- Key stakeholders and institutional responsibilities
- Monitoring and Evaluation mechanisms
- Implementation timeline

**Context:** Odisha has made notable strides in providing digital infrastructure in schools through initiatives like Smart Classrooms, ICT labs, 5T School transformation projects. As the state now looks to deepen the impact of its EdTech investments, there is a growing need for a cohesive roadmap that considers on-ground realities, teacher capabilities, and diverse geographies.

Your roadmap should address these challenges, reflect Odisha's geographical and socio-economic diversity, and aim to build a sustainable EdTech ecosystem in the state.

#### Reference materials (suggested but not exhaustive):

- Odisha Samagra Shiksha [AWPAB](#)
- [Samagra Shiksha Guidelines](#)
- [UDISE+ Data \(Odisha\)](#)
- [PM SHRI School Guidelines](#)
- [EdTech for India Report \(CSF\)](#)

### Question 2: Designing KPIs for a Program Dashboard (Format: PPT, maximum 2 slides)

#### Problem Statement:

Imagine you are supporting the state to monitor implementation of a **Personalized Adaptive Learning (PAL)** program across 500+ government schools in two subjects- **Mathematics and English, for grades 6-8**. You are required to create a dashboard for regular program monitoring and reviews at the state level, enabling timely decision-making and improved targeting of support for the PAL program. It should be simple, actionable, and provide clear insights for **State officials and partners** involved in the program. You receive the following student level backend data (in Excel format) every week from the platform provider:

	Column Name	Description
1	Student ID	Unique identifier for the student
2	School ID	UDISE Code of School
3	District	District name
4	Block	Block name
5	Grade	Grade in which the student is enrolled
6	Gender	Gender of the student
7	Registration Status	Whether the student is registered (Y/N)
8	Active This Week	Whether the student logged in this week (Y/N)
9	Days Active	Number of days accessed this week
10	Total Usage Time (mins)	Total time spent learning on the platform this week
11	Device Used	Device used for learning (Mobile, Tablet, Computer etc.)
12	Subjects Attempted	Subjects the student engaged with this week
	<b><i>For each subject attempted, the following data is also mapped out-</i></b>	
13	Chapters Attempted	Number of chapters accessed this week under each subject
14	Modules Completed	Number of modules completed this week under each chapter/subject
15	Learning Outcomes Attempted	Number of LOs covered through activities/quizzes
16	Learning Outcomes Mastered	Number of LOs the student demonstrated mastery in (as per assessment logic)
17	Misconceptions Identified	Number of recurring errors or misconceptions flagged by the platform
18	Assessment Items Attempted	Number of questions/quizzes attempted
19	Correct Answers	Count of correct answers across assessments
20	Score (Raw)	Cumulative score (e.g., 34 out of 50)
21	Remediation Required	Whether the platform flagged student for support (Y/N)
22	Remediation Type	Type of remediation flagged (content replay, peer assist, teacher-led session)
23	Remedial Sessions Attended	Number of remedial sessions attended this week
24	Help/Hint Features Used	Whether and how often in-built help tools were used

Using this dataset:

- Identify the **5–7 key performance indicators (KPIs)** you would include in a **state-level dashboard** for ongoing monitoring of the program.
- Share how you would visualize the dashboard (table, chart types, filters, etc.) Use one simple PPT/ Slide for this. If you are more comfortable in Excel/ Google Sheets, feel free to use the same and hyperlink in your main document.