



mEducation Guru is an initiative to teach poor students of rural area, who do not have smart phone and internet connectivity - by using only basic keypad phone.



mEducation Guru

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Uniqueness:

- ❖ This solution works without an internet connection.
- ❖ Calls are initiated from server end using a digital line.
- ❖ Frequent disconnection is another major issue during an important lesson. This solution connects the disconnected student automatically.
- ❖ Classes are held in a very interactive manner and there is a Q & A session where the students can clear all their doubts in one go leading to a quick assessment.
- ❖ The audio files can be uploaded to the cloud for future reference. This will be mapped on a ontological knowledge map.
- ❖ Teacher has a mobile application to manage the class (mute, unmute, ask question, etc.)
- ❖ Student will not pay for telephone bill.



Key Requirement:

- ✓ A basic model keypad phone with telephone connectivity is sufficient.
- ✓ One smart phone with internet connectivity is required for the Teacher.
- ✓ No need of internet connectivity, smart phone or laptop for Student.
- ✓ No technology investment is required.
- ✓ No money to be paid by the student (End-user).
- ✓ Cost to the school/teacher is minimal.



Process:

- Students & Teachers are registered through the Portal.
- At the scheduled time, the server initiates the call using SIP Trunk line.
- Uninterrupted connectivity for students and teachers. In case of any disconnection, the user is connected automatically by the server.
- Classes are interactive between Students & Teacher. During the session, all students are muted so that there will be minimum disturbance during the class.
- If any student has any doubt, he can press 9 from his mobile keypad and the teacher will get an alert that very instant. Then the teacher can unmute that particular student and he can ask the question.
- On the completion of the session, the audio file is uploaded to the cloud with proper classification (Subject, Topic, Language etc.)

With this solution, education can still run in these difficult times and thousands of students can learn and attain their optimum potentials with limited resources.