



Department Of Computer Engineering

A. P. SHAH INSTITUTE OF TECHNOLOGY, G.B. ROAD, KASARVADAVLI, THANE
(W), MUMBAI-400615.

UNIVERSITY OF MUMBAI

Academic Year 2022-2023

PROJECT PROPOSAL

On

SETTING UP A LANGUAGE LAB AT COLLEGE

Submitted in partial fulfillment of the requirements for the award of the degree of
Bachelor Engineering in Computer Engineering

By Aditya Bhosale

TE Comps Div A

Under The Guidance Of

PROF. JISHA K R

STUDENT PROJECT PROGRAMME

1. **Title of project:** To Setup Technical Language Lab in College
2. **Name of Student:** Aditya Bhosale
3. **Class/Year of the Student:** 3rd year
4. **Name of Guide:** PROF. JISHA K R

Broad Area/ Field Of The Guide: Communication

5. **a. Name of Institution:** A.P. Shah Institute Of Technology
b.Address of Institution: A. P. Shah Institute of Technology,
Thane Survey No. 12, Opp. Hypercity

Mall Kasarvadavali, Ghodbunder
Road, Thane West, Thane,
Maharashtra, India 400615

6. a. Project Summary:

Understanding modern languages helps to increase cross-cultural communication. Language is the medium by which individuals arrange their cultural experiences, ideas, and beliefs. Learning new languages can help us better understand different cultures and worldviews. Another advantage is that it is valued by all students. In comparison to traditional teaching and learning techniques, Language Lab provides cutting-edge features such as actual audio recordings from multiple native speakers, which provide students with nearly perfect native speaker pronunciation. Offer. We guarantee an unforgettable experience.

In the language laboratory, where students learn foreign languages, they can employ audio and visual resources. They allow the teacher to listen in on and regulate student voices that are broadcast to specific students via headphones or separate audio booths. Independent language schools, often known as language laboratories, have mostly replaced them.

Language laboratories are required for language acquisition. In the language lab, students can hear a variety of speakers who have been captured on high-quality audio tapes. You can practice as much as you want and engage as much as you want. Language Labs also allow teachers the option to construct unique lesson activities and customize the learning experience in order to stimulate creativity, innovation, and teaching. It also makes it easier and faster for students to get information.

I am aware that the language laboratories in this university are insufficient. In order to improve our language teaching ability, I would propose a new type of language laboratory.

b. Technical Details of The Project:

A variety of elements influence the configuration of a digital language lab. These must be evaluated before establishing a language lab. Appropriate and efficient content software, hardware needs, space and manpower requirements, after-sales support, and projected total cost of ownership are all factors to consider.

Software requirements:

DigiStudio

Hardware Requirements:

- Master Controle

- Mic Wireless
- Headset teacher
- Computer master
- Document camera
- Box stage cable and box stagemaster

7. Introduction of The Project:

The use of language laboratories as a coaching device is becoming extra and greater common. These audio or audio-visible technologies facilitate lecturers enhance their college students' conversation competencies. Many schools and distinct institutions are already victimizing language labs, with tremendous results, while others are looking out for "excellent" language labs, demonstrating the relevancy of language labs.

Through direction substances like listening sports, descriptive linguistics drills, and orthophonic devices, language talent is enhanced. General college students created widespread use of the Language Lab's education assets as part of their first-semester "Communication Skills" direction, along with AN oral test. With the help of specialized classes that focused on conversation talent and pronunciation, college students obtained guidance on a manner to enhance their speaking and listening abilities. The language studies laboratory makes use of a mixing style for coaching languages, with the trainer explaining the language principles, main the students through the numerous modules, then allowing the scholars to instruct them on their personal computer systems withinside the lab. Due to the language lab helps the following dreams withinside the teaching learning process, college students research extra absolutely as soon as they victimize it.

Facilitated Self Learning:

The getting to know approach starts with trainer assistance as soon as the trainer introduces the direction substances, whilst the students journey to self-guided freelance take a look at anywhere they may each recollect and instruction language competencies inside which they may be much less fluent.

Complimentary Learning:

The West Germanic language studies laboratory lets in college students to actively instruct the tasks/sports through interactive sports while reinforcing the subject modules found during their room lectures.

Monitoring and Evaluation:

In order to reinforce language talent withinside the lab and withinside the classroom, lecturers will tailor the coaching and getting to know sports via ways of maintaining an eye on scholar studies laboratory sports and receiving rapid comments on but they completed on assignments and sports.

c. Objective

- It helps improve their communication abilities.
- It enables real-time monitoring for teachers.
- It increases students' self-assurance.
- It is a user-friendly software
- It facilitates pronunciation improvement.
- It aids with overall personality development.
- Learning a language this way is efficient.
- It helps students overcome their anxiety and hesitancy

d. Work plan

Actually, the Language Lab at MTsN Srono may be built with 40 Channels and needs a space of approximately 7 x 8 meters. However, due to the effectiveness of the teaching and learning process, the developer would prefer to design only 32 channels in this case. The remaining funds will go toward new machinery that enables the language laboratory to be more fully equipped with a variety of useful features.

e. Methodology

- Literature survey
- Collection of materials
- Scripting
- Developing strategies
- Designing strategies through multimedia

f. & g. Organization of work elements and time schedule

Phase I

3 months (approximately) Phase

II

2 months

(approximately) As per
work plan

8.Details of facilities to be provided by the institution

- Library
- Computer hardware
- Software
- Recording
- Internet access
- Computer master •Document camera

9. Budget Estimate: I. Minor

Equipment

1.

Consumables

Rs. 10,000

Contingency & other costs Rs. 2,000

Total

Rs.11,000

10. Utilization of the outcome of the project

The school must implement a language lab as part of its efforts to enhance teaching and learning. If this benefit is used, students' involvement in the educational and learning process will rise. The use of technology can enhance the educational experience for students, increasing their desire and aptitude for learning. I put them up to some extent realise our modern language laboratory. I'm crossing my fingers that the department head will heed this counsel.