

## **PROJECT SUMMARY**

|                         |  |
|-------------------------|--|
| <b>Title of Project</b> | <b>Proposed Project For Developing Digitised Language Lab Centre</b>   |
| <b>Location</b>         | <b>Social Advancement Foundation of India (SAFI), East Vazhayoor P.O., Via Ramanattukara, Malappuram Dist., Kerala, South India</b>                        |
| <b>Objective</b>        | <b>The project aims at developing Digitised Language Lab Centre..</b>  |
| <b>Duration</b>         | <b>Six months.</b>   |
| <b>Executing Agency</b> | <b>Social Advancement Foundation of India (SAFI)<br/>Razia Nagar, Vazhayoor East P.O<br/>Ramanattukara Via<br/>Malappuram-673 633<br/>Kerala, S. India</b> |
| <b>Project Cost</b>     | <b>Rs. 17,00,000.00<br/>(Rupees Seventeen lakhs only)</b>  |

**Dr. P. Mohamed Ali (Galfar)**  
**Chairman**

**Mr. T.P. Imbichammad**  
**Secretary**

**Rasiya Nagar**  
**20.02.08**

# **SOCIAL ADVANCEMENT FOUNDATION OF INDIA**

## **A Brief Outline of the Proposed Project for Developing Digitised Language Lab Centre**

### **1. INTRODUCTION**

The Social Advancement Foundation of India (**SAFI**) is a non profit Charitable Trust established for removing the backward status of the community particularly in higher education and research. The SAFI Institute of Advanced Study (**SIAS**) was organized to remove this vacuum by establishing a world class educational centre in Bioscience and Technology, Mass Communication and Journalism and, above all, a School of Islamic Studies.

We are endeavoring to provide state of the art facilities in Islamic Studies, Microbiology, Biochemistry, Biotechnology, Bioinformatics and Mass Communication. In today's global scenario, where the tentacles of every industry are spreading far and wide, there are countless windows of opportunity open to individuals and organizations that are equipped with the necessary foreign language expertise.

Safi Institute of Advanced Study's Language Lab (SILL) will not be just a provider of foreign language solutions, but more importantly a partner in helping one to fulfill one's present and futuristic goals. SILL will put one on the international platform, help keep pace with the changing linguistic trends and support all long-term needs and development with our dedicated team maintaining the highest quality standards for every valued client. Establishment of a first rate digitalized language lab centre for conducting research by students and scholars had been one of the most cherished dreams of SAFI.

### **2. OBJECTIVE**

This is a fast moving age. The world is becoming a global village. It is witnessing English moving into a position of strength - emerging as the single universally known spoken and accepted language. We therefore see a growing thrust on the language, specifically spoken English.

Difficulties crop up at the time of interviews, in group discussions, or during entrance examinations. It is at this juncture that one sees a difference in the performance of those possessing skills in spoken English and those who do not. Spoken English plays a pivotal but also a filtering role - the proficient walk away with the cream of jobs, leaving the crippled nibbling at the left over. The importance of the Safi Institute of Advanced Study Language Lab (SILL) in this context cannot be overemphasized.

## **The Language Lab Centre (SILL)**



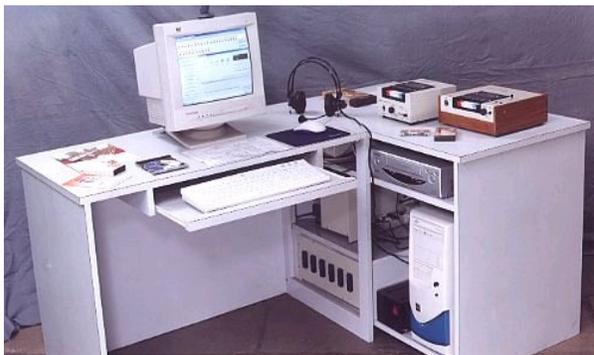
SIAS Language Lab (SILL) intends a technological breakthrough for imparting skills in language learning. Here, an expert will teach the specified language through the PC. By monitoring the learning process individual student's progress can be monitored. The state-of-art facilities and features enabled unique, effective and satisfying means of comprehensive language enhancement.

### **2.2 Lab Description**

The Language Lab comes with two modules – Teacher and student positions. Teacher position is provided with control functions to monitor all student positions. Teacher can chat with the student and can also engage in video conferencing with the student provided that high speed LAN is provided.

### **2.3 Teacher Console**

Using the Language Lab teacher console, the teacher can add any type of lessons; teacher can even play the lesson and can test the lessons. Teacher console can view the number of student logged in with their computer names. The teacher can even monitor the students' desktop and control everything in the student desktop. Teacher can send text, video and audio type files to the student. The student can download the file to their hard disk and then it can be played.



### **2.4 Student Console**

In the Language Lab, student console can log in and can download the lessons assigned by the teacher. The student can engage the lesson and even repeat the lesson. The repeated lesson can then be compared with the answers later provided by the teacher. The completed lesson can be saving to the hard disk by just a click.



In text repeater any text can be typed in the editor panel. Student need to press the talk button and the computer repeats the text in the original accent. This can very well increase the English pronunciation and accent of the student.

The student can very well make a write-up and listen to it. Student can contact the teacher for any clarification related to the lesson and teacher can easily respond to it.

### **3. PROPOSAL**

The basic objective of the SILL is to satisfy all the educational requirements of the academic community in the institution. Language Lab is an important and necessary system for language learning in institutions.

The SIAS Language Lab (SILL) developed under the needs of modern education, can offer more colorful class content, more powerful instruction functions, and easier operation. It shall make language learning more attractive and effective.

This goal can further be elaborated as follows:

1. SIAS Language Lab (SILL) will train students for the ‘Test of English as a Foreign Language’ (TOEFL) that is required for international students seeking an admission in universities and colleges, and also by many government agencies, scholarship programs, and certification agencies abroad for higher studies. It measures the ability of non-native speakers of English to use and understand English as it is spoken, written and heard in college and university settings.
2. The amenities available shall be applied to lecture/teaching, once connected with LCD Project or other AV equipment through input/output terminals.
3. The language lab complex shall organize seminars and workshops and various aspects of educational technology, educational software, production techniques etc.
4. SIAS Language Lab (SILL) will house a Audio active-Language Lab, an Audio Visual Rooms and an Auditorium with film projection facilities.
5. SIAS Language Lab (SILL) will have a very rich and well stocked Software Library. Teaching and educational material in the form of audio and video CDs, slides, and film strips pertaining to various foreign languages will be well preserved. This material shall be extensively utilized in the foreign language teaching programs in the Language Lab and Audio Visual Room.
6. Additional income will also be earned by way of renting out the facilities available in the Language Lab Complex.
7. Though at present these programmes will be initiated in English, SIAS Language Lab (SILL) hopes to add other Indian languages. It shall transform and serve as a

fund house for graduate, postgraduate and research programmes focusing on languages, literatures, translation, interpretation and culture studies.

8. SIAS Language Lab (SILL) shall also organise Certificate and Diploma programmes in the major modern European languages like French, German, Russian, Spanish or Chinese, Japanese and Persian in a phased manner.
9. SIAS Language Lab (SILL) then plans to start 'Business English' course will help to develop fluency in English, Poise & Personality, besides help develop Business Language, Business Skills and Business Style.

### **3.1 Sias Language Lab Management (SILL)**

The language lab and audio visual room can be extensively used for teaching and research work from 9 Am to 4 PM on working days. On an average a language lab/AV room/Video Projection room may be used for about 30 hours per week. SIAS Language Lab (SILL) system will be made up of three main components: Teacher Terminal, Student Terminal, and the Software for Teacher PC.

The innovativeness of the programmes, with specially designed courses, makes the production of requisite pedagogical materials imperative, particularly in the case of teaching of languages. It is indeed manifest that this facility can be availed by any other department for the production of their teaching aids.

### **3.2 Activities to be Undertaken**

A new educational environment is established and the optimized multimedia class is available, owing to the functions added newly, for management and self-teaching. It can provide teachers and students the different usages, practical and useful for daily education:

**1. Teaching:** Offers all the necessary functions for lessons in language lab, such as dialogue, grouping, audio and video broadcasting, demonstration, dialogue, monitoring etc and effectively gives orientation to users. Effective class progress based on Graphic User Interface Environment, Control on all students' learning, Real-time conversation .

**2. Lesson Preparation:** With the many courseware development tools and functions available in the system the teacher can easily create media enriched. Book marking the contents of class. Attendance check, Retrieval of the teaching materials and the contents of previous class.

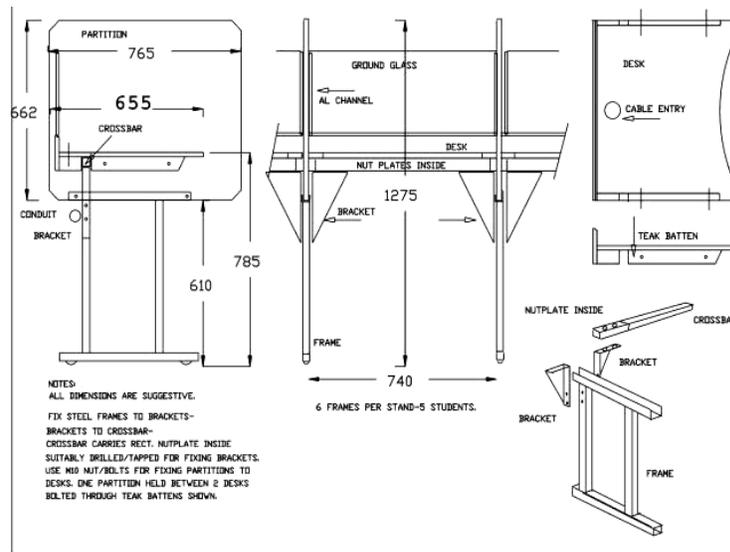
**3. Examination:** It is very easy to carry out multimedia examination in the system.

**4. Self-study:** Students can access the resources available in the system for the self study as well as assignments and seminars.

### **3.3 Space Requirement:**

The length of each stand consisting of 5 booths is approximately 13 feet, hence allowing for passages, the width of the room should be about 18 feet. About 6 feet length is required per row. Thus, 10 student booths occupy about 12 feet length.

Allowing 6 feet for Teacher's workstation; 18 feet x 32 feet are the minimum dimensions for a 20 student lab, and 18 feet x 44 feet for a 30 student lab. Similarly additional 6 feet length will be required per 5 students.



#### 4. BASIC INFRASTRUCTURE INSTALLATION

1. Most Language Labs are supplied in a 'ready-to-use' condition, and as such not much installation work is involved. The '**Booths**' supplied as optional items. All you need is a carpenter to erect the booths. The interconnecting cables are to be plugged as shown in the 'Instructions for use.' Light-weight and durable frame makes the installation and movement easy.
2. A **lab technician** familiar with computers/electronic equipment for installation as well as routine maintenance. Arrange an electrical supply point near the place where you wish to keep Teacher's workstation. The electric supply should be stable within  $\pm 10\%$  of nominal voltage of 230Volts, 50Hz.
3. Selecting a '**Room**' for the Language Lab is of utmost importance. Avoid too big a room. The 'Room' should be in a quiet surrounding and must not have excessive reverberation. The room should be dust free and the equipment should be protected from direct exposure to sunlight/ high temperatures. The entire equipment shall be housed in an acoustically treated and centrally air-conditioned Language Lab.

##### 4.1 I.T Infrastructure

SILL has to be provided with sufficient IT infrastructure that is sufficient numbers of servers, computers, printers, scanners and broad band Internet connectivity.

The hardware required is:

| Sl No | Item Description            | Remarks                   |
|-------|-----------------------------|---------------------------|
| 1     | Servers                     | Web server, Email Server, |
| 2     | Systems with multimedia/DVD | -                         |
| 3     | Lap top (for                | Core Duo, 1.6GHz 2GB      |

|    |                      |                            |
|----|----------------------|----------------------------|
|    | presentations)       | 120GB WIFI 15.4"           |
| 5  | Printers             | Laser, Inkjet              |
| 6  | Scanner              | High –end, Hewlett Packard |
| 8  | CD Writers           | -                          |
| 9  | UPS                  | 20 K V (approx.)           |
| 10 | Computer Accessories | As per Requirements        |

## 4.2 Local Area Network (LAN)

The SILL will need broadband network facility on campus to provide quality digital information services, which will comprise not only digital full-text, but also audio and video, all in digital formats. It is therefore recommended to have a structured Campus LAN with high-end switches and cat-5/7UTP/Fibre-optics (OFC) cables wherever necessary.

## 4.3 Internet Connectivity

Internet is an integral part of the SILL in offering cutting edge information services and operations. SILL will need a broad band Internet connection, with at least 512Kbps-2 Mbps leased-line facilities.

## 4.4 Software

The essential software required by the SILL are:

| Sl No | Item Description                 | Quantity |
|-------|----------------------------------|----------|
| 1     | Digital Lab Software             | 1        |
| 2     | Learn Soft Language Lab (1 + 30) | --       |
| 3     | DTP Software                     | 1        |
| 4     | Database Management System       | 1        |
| 5     | Firewall Software                | 1        |
| 6     | Anti Virus Software              | 1        |
| 7     | Anti-Spam Software               | 1        |

## 4.5 Manpower Requirements

Men, Machine and Materials are of equal importance in any organization for the smooth functioning and progress of the system. Therefore proper attention has to be paid to the staffing of SILL both qualitatively and quantitatively because the proper functioning and attainment of goals would very largely depend on the staff.

The salary for the technicians will be met by SIAS.

## 5. SIAS LANGUAGE LAB (SILL) FINANCE ESTIMATION

Budget allocation for the SILL involves a considerable amount of planning, analysing and coordination in order to fulfill mandates and goals.

The capital expenditure for the SILL includes the sourcing of Furniture, Hardware, Software and the Information base, which includes the print as well as the digital versions of documents.

### 5.1 Capital Expenditure

| Sl. No       | Item Description                         | Approx Cost                                  | Remarks  |
|--------------|--|--|--|
| 1            | Furniture                                | 3.5 lakhs                                    | Booths, Workstation furniture, Reference shelves, Office Furniture, Computer tables ,chairs etc. |
| 2            | Hardware                                 | 9.5 lakhs                                    | Includes Servers, Multimedia Computers (30), Workstations, Printers, Scanners, Accessories etc   |
| 3            | Software                                 | 2 lakhs                                      | Software licensed for One teacher console and Thirty student consoles – <b>1 +30</b>             |
| 4            | Lab Digital recorder Software & headsets | 1 lakh                                       | Includes Study Materials   |
| 5            | Communication                            | 1 lakh                                       | Includes the Internet connectivity-2 Mbps  |
| 6            | Reprography                              | 2 lakh                                       | Includes Xerox Machines, Digital Copying Machines etc  |
| <b>Total</b> |  | <b>Rs. 17 Lakhs (Seventeen Lakhs Rupees)</b> |  |

### 5.1 Project Implementation

The project is to be implemented and completed within 1 year. SIAS Language Lab (SILL) will be dedicated in the name of the donor or his nominee.

### 6. CONCLUSION

According to The Institute of Psychological and Educational Measurement (IPEM) the ETS representatives in India: “TOEFL or TESL has emerged from being a test of language comprehension to a comprehensive assessment of a student’s ability to communicate productively in an academic environment. The next generation of testing will assess communicative competence in English focusing on all four language skills.

This means that there will be a full congruence between developing academic English proficiency and preparing for TOEFL, which is a welcome change for both teachers and students. So, in order to do well on TOEFL in the future, students will need to learn how to communicate productively in speaking and writing in addition to actively listening and reading.”

SIAS Language Lab (SILL) is envisaged as a collaborator in improving access to information and knowledge supporting the institutional learning and operational activities of its faculty, students and the research community. It has to be a dynamic center of knowledge and culture, serving as a conduit for information in all its forms. In pursuit of its endeavor, SIAS Language Lab (SILL) will go all-out to serve as an outstanding knowledge repository.