

Digital Language Lab Specifications

Teacher Console:

- Listen, Speak, Read and Write (LSRW) Activities - The most effective methodology used for teaching languages.
- Communicating options for the teacher in text and audio enhances teaching efficiency.
- Most effective control on individual students by monitoring their activities remotely and incognito provide total control for the teachers.
- Incognito individual student monitoring for better understanding of the student's progress in learning enhances teaching and learning efficiency.
- Total control over student/group/class wise for the teacher to remotely access their systems provide better management of the lab.
- Unlimited customized e-lessons creation using video/audio/text saves time for the learners and teachers and enhances efficiency.
- Assign Lessons according to the learning progress to Individual/Group or all the students enable easy and effective learning for students.
- Modify pre-loaded lessons to suit class/individual Student needs improves learning and teaching process.
- Automatic recording of the feedbacks from the students in text/audio/video in a live class environment enable the teachers most effective usage of time.
- The teacher should be able to create and assign homework to students: Online and Offline Home Work, Reading and writing assignments. The students should be able to download these files and work at their convenience and upload to teacher when completed.
- User friendly interfaces save time and makes learning enjoyable.
- Listen the voice of students without their knowledge
- Talk to a particular Student (Two way communication)
- Screen Capturing (View a particular Student's screen)
- Broadcasting (Talk to all students at a time)
- Individual attention without disturbing the rest
- Indication when a student calls the teacher (Hand Rising)
- Indication when a student minimizing the lab window
- Indication of the Student Activities
- eAssignments
- Assign lessons to different batches or classes or different sessions
- Assign lessons to a particular student, Group of Students or ALL the students
- Lessons can be created in Text, Audio and Video Format (Individual or Combination)
- Remote Controller (close application, log-off, reboot, shut down)
- Supports ASF, AVI, WMV, DAT, MPG, MPEG, MP3, WAV etc.
- Real-time lesson editing
- Lesson re-assigning
- Audio Recorder | Video Recorder | Text Creator / Editor

Student Console:

- Listen, Speak, Read and Write (LSRW) Activities - The most effective methodology used for learning languages.

- Compare/Evaluate/Repeat with original/native accents deliver improved results on learning languages.
- Review lessons in text/audio/video formats provide quicker learning.
- Alert options for clarifications with the teacher in-private avoiding inhibitions and encourages easy learning for shy students.
- Highly effective listening, speaking, reading and writing skills are developed with access to advanced material in text, audio and video formats
- Listening-in on a lesson (words/sentences)
- Repeat lessons
- Voice recording
- Compare/evaluate repeated passage with original
- Self-assessment
- Save repeated lessons on instructor module
- Review lessons in text/audio/video formats
- Listen and write
- Submit files to instructor module for evaluation
- Text to speech
- Dictionary
- Alert - Call instructor
- Learn any language
- Two-way communication with instructor
- Participate in group discussions & interactive sessions (pairing)
- Real time recording
- Audio
- Integrated Extensive English language learning materials and exercises (list attached)
- Basic Language Learning in French, Spanish, German, Italian, Greek, Portuguese, Chinese and Arabic.
- The teacher should be able to send any audio & text based content stored in the Teacher Workstation, to intend Student Console. (To entire class/ group of students/ particular student).
- The software should enable audio interaction between the teacher/ instructor and students through headsets with built-in microphone.
- The teacher, should be able to view students screen in an incognito mode (without the knowledge of the students).
- 5000+ Hours of learning materials.
- Learning material should cover English & Arabic.
- Multiple choice questions should be given after each module.
- 44 sounds of English with hundreds of words to practice.
- Most of the clients should be Indian Clients.
- Lifetime perpetual License should be given.
- Any Language/ Subject compatible.
- Exercises with instant scoring.
- IELTS, TOEFL & GRE materials to be provided.
- External learning materials can be added.

- The software should be with one year onsite warranty and should include delivery, onsite installation, onsite trainings and 24/7 online support services.
- The manufacturer must have installed similar brand software in at least 50 Pharmacy colleges across India.
- The manufacturer must have the experience and expertise in undertaking major projects of installing the similar brand software with government organizations with multiple locations in India and abroad.
- Supply of complementary 21 headphones and 1 webcam.

The following course content should be given free with the software:

SOUNDS OF ENGLISH:

Contains 44 sounds of English ■ Vowels, diphthongs, consonants and diagraphs ■ Words and Exercises ■ Listen and Repeat the lesson ■ Self Assessment ■ Send to Teacher for Evaluation.

SITUATIONAL DIALOGUES:

Situational conversations with video ■ Listen ■ Repeat ■ Compare and Send ■ Role plays.

COMPREHENSION:

Comprehension with audio, script and record ■ Listen ■ Repeat ■ Compare and Send.

TELEPHONE ETIQUETTES:

Situational telephonic conversations ■ Listening/ reading with audio/scripts ■ Listen ■ Play ■ Stop ■ Play Recorded File ■ Send

C.V. BUILDER:

Professional C.V. ■ Sample resumes of people from various professions ■ Read ■ Write ■ Send

E-MAIL ARTERY:

e-mails for different purposes ■ Read ■ Write ■ Send

LETTER WRITING GUIDE:

Collection of letters to categorize the content usage ■ Read ■ Write ■ Send

REPORT MAKER:

Techniques for writing professional reports ■ Scripts with methodological approach to elaborate the writing skills ■ Read ■ Write ■ Send

GROUP DISCUSSION:

Quality audios/videos with the technique of winning a group discussion ■ Listen ■ Play ■ Stop ■ Play Recorded File ■ Send

INTERVIEW FACTS:

Contains interview sessions enabled with audio/video scripts, that helps the students in building confidence while attending interviews.

■ Listen ■ Play ■ Stop ■ Play Recorded File ■ Send

PRESENTATION DELIVERY:

Contains high standard audio/video of professional presentation, that helps the students to identify their body language, sound and tone variations while giving a presentation.

■ Listen ■ Play ■ Stop ■ Play Recorded File ■ Send

ART OF PUBLIC SPEAKING:

Finest speeches by the world leaders with the core concept of public speaking ■ Listen ■ Play ■ Stop ■ Play Recorded File ■ Send

Level - A / Elementary

■ Alphabet – Listen, Repeat, Record & Compare ■ Pronunciation (Sounds) – Listen, Repeat, Record & Compare ■ Pronunciation (Words) – Listen, Repeat, Record & Compare ■ Learning through Cartoons, Music, Games, Fun, Stories, Situations, Activities, Discussions, Interviews etc.

Level - B / Intermediate (Neutral English)

■ Phonetics – Theory & Practice ■ Communicative English - Interactive ■ Situational Conversations – Listen, Repeat & Role Play ■ Global Communicative English – Listen, Repeat & Role Play ■ Monologues with Exercises ■ Comprehension – Listen, Repeat & Exercises ■ Biographies – ESL Lesson Plans ■ Errors in Spoken English ■ Essential English Grammar ■ Grammar Exercises ■ Vocabulary Exercises

Level - C / Advanced (International English)

■ Pronunciation Practice - Global Communicative English ■ Pronunciation Practice, U.K. Sounds & Words ■ Situational Conversations – Listen, Repeat & Role Play ■ Monologues with Exercises ■ Comprehension – Listen, Repeat & Exercises ■ Biographies – ESL Lesson Plans ■ BBC Current Events ■ Dialogues – U.S. Accent ■ Idioms & Phrases

Pro (Professional Communication Skill Development)

■ Handling Telephone Calls ■ Career Planning ■ Penning e-mails ■ Formal letter writing ■ Making Curriculum Vitae ■ Appearing for interviews ■ Public Speaking ■ Group Discussion ■ Presentation ■ Debating ■ Reporting ■ Soft Skills

Biz (Business Communication Skill Development)

■ Job Interviews ■ Communication ■ Telephoning ■ Teleconferencing ■ Meeting ■ Presentations ■ Sales ■ Marketing ■ Negotiations ■ Customer Service ■ Business Writing ■ Management ■ Human Resources ■ Business News ■ Announcements ■ Travel ■ Socializing ■ Functions ■ Persuasion ■ Legal

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Online Grievance Redressal Software Specifications

- Unique URL with subdomain
- Separate logins for all the users, redressal committee and Management.
- Post complaints by institute stakeholders --students, teachers, parents and other staff
- Own account for complainants, admin and grievance cell members to edit and reset their profile
- Complainants can view status, notifications and reply for the complaints posted
- Provision to give detailed account of the complaint and attach supporting files in favor of the complaint/grievance
- Option to verify and approve registered users checking their authenticity
- Admin can view complaints and check its authenticity
- Assign complaints to grievance cell members based on the complaint nature/type
- Grievance cell members can view complaints and send reply for the same along with attachments, if any to the complainant.
- Re-open complaints and give satisfactory solution, if the complainant is not satisfied
- Admin and Grievance Cell Members can generate report on monthly/quarterly/annual basis
- Automated Reports generation in more than 10 formats.
- Report will include complaint category, subject line, complaint type, date of posting, complaint status, name of complainant, actions taken etc along with the college Name and AICTE registration number in the page.
- Reports should be viewed/downloaded.

Library Automation Software Specifications

The Library Automation Software should have the following features:

Administrator/Librarian Portal

- The entire system should be monitored by providing facility of student and staff registration and login.
- Access to the book List with complete information.
- Controls books issue, Re issue, return process.
- Greater user interaction incorporating tagging and reader reviews.
- Issuing membership cards, entering new donor info.
- Barcode/ Smart card integration and printing.
- Mention the different languages of each book, CDs, clippings, drawings, films or any other form of media.
- Multiple issue-return mechanism with barcode and membership card.
- Assign the Library holidays.
- Record Date on which the media was added to library.
- Enter Discount amount then the Net cost is calculated and displayed.
- Can send messages to the user and view the messages received
- Reports of damaged or missing books
- Have access to the book transaction module.
- Media supplement entry supervision.
- Set the fine amount for lost or damaged media.

Student Portal

- Can log-in and search for books, articles and other media
- Users have access to all learning materials
- The e-books let the students delve deep into the language
- Students are enabled with the right to gather materials
- View the condition of availability and rate the books
- View the books issued, their issue and return dates
- Can make requests to the librarian to book books for them
- Locate a particular book, video or a member from the database
- The books can be read both online and offline
- The reservation and bibliography can be observed by the client

Staff Portal

- Staff is enabled to master the reservation process
- Management of payment and the collection of pending payment
- Catalogue Mechanism -can access and check the availability of media
- Reports are generated after the data is gathered from software
- Staff pay- incorporate payroll to librarian.
- Mentors can check their reservation status and book bibliography.
- Can upload learning materials like videos, audios etc.
- Can add previous year question papers along with the solutions.
- Can see list of books issued and its issue date and return date
- Online/Offline read and rate the book options

NOTE*: The supplier should be capable of providing all the above mentioned requirements directly to the institute without involving any other third parties in between.

Antivirus Specifications (10 PC and 3 years)

Ransomware Protection

The Anti-ransomware feature uses behavior-based detection technology that analyzes the behavior of programs in real time. This helps in detecting and blocking threats such as ransomware. As an added layer of protection, this feature also backs up your data in a secure location to help you restore your files in case of a ransomware attack.

Web Security

Automatically detects unsafe and potentially dangerous websites, and prevents you from visiting them.

Email Security

Efficiently blocks emails that might carry infected attachments or links to compromised or fake and phishing websites.

Safe Banking

Protects your online banking activities from fraudulent websites and malicious programs that steal financial information. It provides a safe desktop session where your financial transactions on banking portals, shopping and other e-commerce websites stay private and hidden from hackers.

Browser Sandbox

Runs your Internet browsers in a secure, virtual environment that acts like a shield between your PC's operating system and malicious downloads. If any malicious file gets downloaded in this environment, it gets secluded and is blocked from reaching your real PC.

Data Theft Protection

Block unauthorized copying of data from your computer to unauthorized USB drives. This not only ensures data security but also reduces the risk of transfer of any harmful files.

Parental Control

The Parental Control feature now comes with enhanced configurability. It lets parents to set the following settings:

Internet Browsing Control - to restrict children from visiting unwanted websites.

Application Control -to restrict children from accessing applications such as gaming programs, messaging tools, media players, etc.

PC Access Control - to fix a timetable based on which, children can access the computer on particular days and time.

Firewall

Firewall blocks external threats that try to reach your computer over the Internet. It also blocks threats that may arise within networks that are connected to your system. Besides allowing you to configure protection for incoming and outgoing Internet traffic, our enhanced Firewall lets you set a Firewall profile for network connections such as 'Home', 'Work', 'Public' or 'Restricted'. Stealth Mode is an added benefit. It hides your PC from the prying eyes of hackers.

Core Protection

Assures complete security for your PC with a deep system scan. A combination of features like AntiVirus, AntiSpyware, AntiMalware, Anti-Rootkit, Firewall and IDS/IPS work together to give you the best antivirus protection.

Malware Protection

The existing Malware Protection of Antivirus is now enhanced and offers more protection to your PC against spyware, adware, keyloggers, riskware, and other malicious programs.

Anti-Keylogger

Efficiently prevents programs called keyloggers from recording what you type on your keyboard while you are doing online banking or shopping or simply browsing the Internet.

Improved Scan Engine

Scans files and folders in lesser time without using too much system resources.

Advanced DNAScan

Antivirus DNAScan technology detects and blocks unknown threats. It uses a combination of behavioral and characteristic inspection and monitoring of unsafe programs.

Vulnerability Scan

The Operating System (OS) settings and other applications in your system might have security vulnerabilities or weaknesses. Leaving these vulnerabilities unpatched can let hackers hijack your computer and your data. Vulnerability Scan helps you detect such weaknesses. The feature also helps you fix vulnerabilities that could be present in the OS settings.

Virtual Keyboard

Attackers can steal your confidential information by installing spyware or keyloggers in your machine. These are data-stealing software that record what you type on your keyboard, and send the information to the attacker. This can be prevented by using the Virtual Keyboard. Any information typed on this keyboard gets encrypted and cannot be recorded or accessed by any malicious software.

Privacy Protection

Securely deletes sensitive data to prevent their recovery by any recovery tools. This ensures complete security and confidentiality of your valuable data.

Flash Drive Protection

Stay safe against infected USB drives. This feature automatically scans external drives the moment they are connected to your PC. It also blocks autorun infections.

Safe Mode Protection

This facility stops unauthorized users from changing Antivirus security settings when the system is running on Safe Mode.

PCTuner

Speed up your PC and boost its performance for resource-intensive tasks with PCTuner, a user-friendly PC optimization tool.