eSikshak

Igniting minds through

e-Learning

eSikshak

EXECUTIVE SUMMARY

eSikshak, a multilingual e-Learning framework developed by C-DAC Hyderabad is built on component based architecture. Currently, the framework is being used by many Indian as well as International academic/training institutes apart from C-DAC. The tool has been evolved into next generation e-Learning framework with latest updations. C-DAC is keen to provide eSikshak tool to the interested organizations with an attractive business package.

eSikshak - A MULTILINGUAL E-LEARNING FRAMEWORK (Release 2.0)

In the contemporary world of fast changing Technologies, learning is considered to be a life long exercise. Today, the world needs a flexible and effective medium for learning, which provides facility to the learner to learn any where, any time with his/her own pace. The rapid evolution of Internet and Web Technologies has provided a medium for the information interchange as well as a seamless interaction and collaboration among users.

Following are the features supported by eSikshak Software:

User Registration
:: Online registration
:: Updating user profile
:: Necessary user reports for instructor and learner

Course Organizer
:: Add, Update and Delete courses
:: Time bound access to the online courses
:: Course Reports
:: Course Offering with SCORM support

Online Assessment with QTI conformance
:: Question bank creation
:: Multiple-choice single answers
:: Multiple-choice multiple answers
:: True or False questions
:: Assignments
:: Student performance reports

Collaboration
Collaboration facilitates interaction among the Instructor, Student through White board, Bulletin board, Chat, e-Mail.
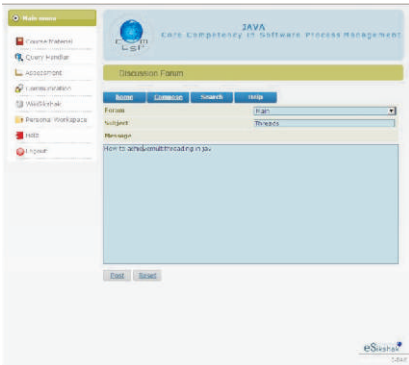
Whiteboard
:: Synchronous communication between student and instructor
:: Graphical interface to simulate real world chalkboard
:: Facilitates drawings with color, drawing tools like rectangle etc
:: Text with desired color font etc
:: Shared discussion area between student and instructor
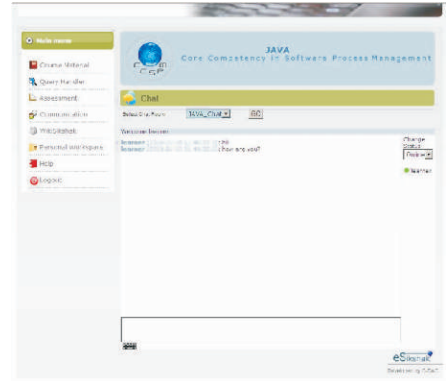:: Integrated chat facility with the instructor during whiteboard session

Bulletin board

:: Creates forums for subject discussions
:: Thread based discussions
:: Search

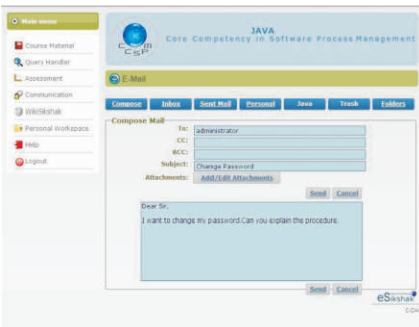## Chat

:: Real-time communication between the instructor and learner
:: Public chat between student and instructor
:: Blocking/unblocking of chat users by instructor

e-Mail

:: Asynchronous communication tool
:: Facilitates offline interaction with instructor or among the student community
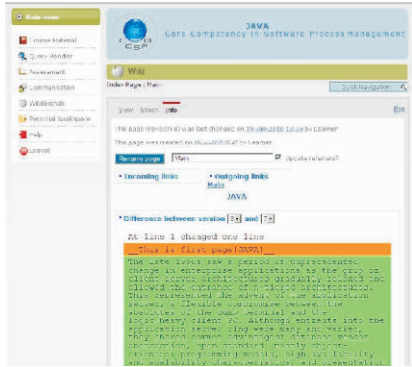:: Attachment facility

Personal Space

:: Blogs
:: User Profile
:: RSS Subscription

Wiki Sikshak

:: Collaborative content development through Wiki

Mobile Features

:: Web album with image, text, audio, video sharing

Indian Language Interface support

:: Unicode standard based Indian Language support
:: Indian language support in Telugu, Tamil and Hindi
:: Minimum effort to add new languages without modifications in the application

Salient Features of e-Sikshak

:: Browser independent
:: Java Based solution
:: Portable on MySql and Oracle

:: Low cost solution
:: Unicode based Multilingual solution
:: Easy to use

:: Free from installation hassles
:: Indian Language support in Telugu, Hindi, Tamil
:: Customizable Graphical User Interface

Program by:

Information Security Education & Awareness
Department of Information Technology
Ministry of Communications and Information Technology,
Government of India

Tips on Information Security

☞ Don't open e-mails received from unknown source

☞ Change Passwords regularly

For more details log on to: **www.infosecawareness.in**

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www.cdac.in

प्रगत संगणन विकास केन्द्र
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

संचार एवं सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार
A Scientific Society of the Ministry of Communications and Information Technology, Government of India

JNT University Hyderabad Campus, Kukatpally, Hyderabad - 500 085.
Tel: 040-2315 0115. Fax: 040-2315 0117. E-mail: elearn@cdac.in
Website: www.cdachyd.in/products/e-sikshak