

KNOWS



The total
e-learning suite **for EdSys**

The Academic e-Learning solution

KNOWS



“**KNOWS** drives the learning process of a student through any-time accessibility to knowledge & learning management systems.”

“**KNOWS** facilitates creation of dynamic academic knowledge as an economic asset for the institution.”

KNOWS is divided into the following major facilities

- Content creation & Management
- Asynchronous Learning
- Synchronous Learning
- Communication
- Individual Knowledge management
- Learning Monitoring

KNOWS being a web & XML technology based solution, it is globally scalable & easily integrated into the existing school / college management systems. The system provides a facility to import and integrate knowledge from other sources easily. Need for any IT expertise for the administration of the system is minimal. The various activities are configured as services in the system. They can be assigned to independent subject matter experts (Teachers), making management very effective. The audit trails on the activities of users makes the system secure.

Knowledge Management systems in an academic institution are primarily focused on the amalgamation of the stipulated elements of knowledge and the various evaluation aids to measure the degree of learning in students. The system facilitates controlled learning and self paced learning aspects. In the first case , the teacher controls the learning pattern and the pace. In the second the student decides the pace at which the course is studied and evaluated.

The knowledge management system should also cater to the dynamics of the external knowledge arena.

KNOWS is the complete product that caters to all facets of knowledge management and student learning. It facilitates the creation & management of content repository, collation of content elements for roll out of specific learning capsules, multiple modes of learning, evaluation of learning and finally the control on learning. It also controls the learning pattern of the students and provides an audit trail on the activities of the student with the system. KNOWS is multilingual in both interface and content; therefore the same installation can cater to diverse demographics.

KNOWS is designed to provide maximum flexibility to cater to the needs of various types of courses. A centralized repository of knowledge (including question banks etc) can be graded according to multitudes of parameters and hence used effectively for multiple courses. There is very little need for customization as most of the features are flexible & can be tailored to the needs of the Institution through administrator configuration.

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KNOWS has an easy integration facility with traditional classroom training. Instructional material can easily be collated using the collation engine in the system. The access to these can be restricted to sections of students as per the course and the class/division of study.

The repository of questions and assignments in the questions and assignments bank helps a teacher to design and generate tests and assignments easily, for posting on the web. KNOWS provides automatic evaluation of tests.

KNOWS provides more than 75 types of questions and more than 100 presentation rules. The test rule engine has more than 28 rules of conducting online tests.

The major question types are;

- Multiple-choice Single answer and all its variants (with reason, with specify or both)
- Clustered multiple choice Single answer question type
- Multiple choice Multiple answer and all its variants (with reason, with specify or both)
- Clustered multiple choice multiple answer question type
- Text Answer question and all its variants (Limited number of letters, lines, pages)
- Match the following type and its variants
- Linked and piping questions and variants
- Fill in the Blanks type of questions and variants (Single blanks, Multiple blanks, single selection, multiple selection)
- Comprehension type questions with multiple type-linked questions
- Combination type questions like select a topic from a dropdown to answer. etc
- Likert type questions and its variants
- Featured matrix type of questions
- Ranking Matrix type questions
- Picture hot spot type of questions

KNOWS also acts as a knowledge repository for all academic related knowledge. KNOWS facilitates the collaboration through real-time communication among the student community. The threaded, context-based discussion forms, bulletin boards and chat rooms enable collaboration with students and mentoring by teachers.

“KNOWS provides access through the personal portal of the user which provides links to all the activities of the student. Teacher/ Administrator. It follows the 4CLICKS-TO-REACH principle ”.



“KNOWS is a totally web based solution & hence learning can be used as an aid for in-classroom teaching & off-campus self-placed learning or controlled learning”

“Disassociation of various activities as services enables KNOWS to be configured & rolled out in a short time without need for IT expertise ”

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The Macros functional details of KNOWS

Content creation & Management Facility

Content Management

- Create authorization
- Content creation
- Content review
- Content version control
- Content import / upload
- Content attributes
- Content search

Online Test Management

- Question Banks
- Questions
- Attributes to Questions
- Question search criteria
- Questionnaire formation
- Presentation rule engine
- Marks rule engine
- Termination rule engine
- Result analysis & presentment

Document management

- Create Documents
- Upload documents
- Push documents
- Review reports on Documents
- Document read reports

Paper/Article publishing

- Paper / Article creation
- Paper publishing
- Review Invitation
- Read statistics

Asynchronous Learning Facility

Collaboration Tool Kit

- Publish in Bulletin Board
- Group Bulletin boards
- Bulletin Board access rights
- Group member ships
- Hosting rights

Synchronous Learning Facility

- Participation in Chat sessions
- Invitation to chat sessions
- Rights to host chat sessions
- Chat session schedules
- Chat groups and memberships



KNOWS



Announcements & Notices

- Notice Boards
- Publish in Notice Board
- Group Notice boards
- Notice Board access rights
- Group member ships
- Hosting rights

Online Classroom

- Virtual Classroom
- Class preparation
- Audio/Video interface
- White board
- Class schedule
- Invitation to classes

Communication Facility

- Personal portal
- Single point access
- Access and event intimation
- Access to Business information
- Personal learning activity calendar
- Internal Mailing system
- Instant messenger
- SMS messenger

Individual Knowledge management facility

- Personal Knowledge base
- Search facility personal KB
- Webiography
- Book Marks & reading logs



Learning Monitoring Facility

- Measurement of learning activity
- Period, activity correlation
- Consolidation of points
- Correlation to evaluation

Online Assignment Management

- Assignment Creation
- Allocation of Assignment
- Evaluation of Assignment

Online book Consolidation and Reader

- Book Consolidation
- Generation of distributable encrypted document
- User access restricted Book Reader

KNOWS





Benefits of KNOWS

- ▶ A comprehensive product addressing total learning requirement.
- ▶ Multilanguage enabled & hence can be deployed across demography.
- ▶ Web based, therefore used for external partners, offsite personnel etc.
- ▶ Short learning time as all activities are accessed through a Single portal.
- ▶ Company subject matter experts can easily post & update content & intimated to respective users automatically. This reduces time to know.
- ▶ Detailed usage tracking ensures security.
- ▶ Detailed usage & test result reports indicate the effectiveness of learning program.
- ▶ Low cost of ownership.
- ▶ Easy Integration with existing systems.
- ▶ No IT expertise required to configure and operate the system.
- ▶ Easy to configure to suit the needs of the Academic Institution.
- ▶ Eliminate redundant learning management systems.
- ▶ Minimum time to install, configure and rollout.
- ▶ Extend the same system entire enterprise worldwide.
- ▶ Address multiple sets of business needs through a single system.
- ▶ Rapid integration of internal or third party content.

The Webyfy team will provide 24X7 services & maintenance of the software. The remote maintenance facility reduces any down time in an unlikely situation.

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Attractive purchase options

Choose one to go well with your organization

- ▶ Direct purchase
- ▶ Hosted by the customer
- ▶ Hosted by Webyfy

To know more about KNOWS

Email: info@webyfy.com
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