

# *E-Learning for the future*



THE NEED

*E-Learning*

In today's world of Population explosion-the reigning concept for equal opportunity to all is lacking. Education is one of the key arena's where this situation is rising to alarming proportions. One of the key factors for this scenario is that Infrastructure for providing quality education is not able to cope up effectively with demands of the ever-growing population.

As the markets get more competitive, need for innovation grows and training becomes vital to keep pace with the changing demands and life styles.

Distance education and electronic training are able to address this issue to some extent. With the Internet revolution geographical and time barriers have been demolished and access to information to all at all times has become a reality. This has changed dramatically the age old paradigms of contact based education and training. Web based education and training is fast emerging as a viable and effective supplement to the traditional methods in many areas of education and training as it can cope with the demands of the growing population.

It has become the need of the day for Universities and corporate to reorganize and go for E-Learning Initiatives.





**SALIENT FEATURES**

*Pyxis KMS...*

**Scalable, robust, and secure** environment that allows rapid scalability and growth, as the organization increases the number of students, professors, managers and courses on-line.

Inbuilt **application programming interface** that allows the integration of external applications, ERP and CRM platforms.

Easy to use **tools to self customize graphical** user interface based on your requirements

Inbuilt **Course Management Tool** allows you to build courses from any legacy document to the system.

Adhere to IMS, AICC and SCORM **standards**.



**High scalability** in terms of load and usability as each module is independent and scalable to port on separate system to take advantage at high loads.

**Personalized user interface** at each level of the system.

**Self Customization** of terminology used with in the system to fit into your requirements.

A **single installation** can serve multiple departments, faculties with customized interface and administration.

Inbuilt **Virtual Class Room** to provide implicit class room teaching online with an integrated scientific and mathematical representation.

Inbuilt tool to create **online assessments** with different type of question like true & false, multiple choice, matching, drag & drop, multiple fill in the blanks supporting all type of mathematical equations.



SALIENT FEATURES

*Pyxis KMS...*

**Offline assessment** tools to give the flexibility to the course authors to design and structure the assessments offline and publish.

Evaluation **survey** for collecting student feedback on questions and on the job performance.

**Statistics** on questions and student usage which can be viewed online or downloaded.

Unique **Alert system** facilitates the user to get intimated with latest announcements, emails and tasks even when the user is out of KMS.

Work **Groups** to create an area wise user groups at each level of the system.



**Book marking** allows user to maintain their preferred URL.

PYXIS KMS provides seamless integration for **payment gateways** along with flexibility to the end user to customize their gateway options.

Platform comes with comprehensive set of **accounting** reports and in downloadable formats.

Built on **open architecture** for cross platform compatibility using Java and XML and supports SUN Solaris, LINUX and NT operating systems with Tomcat, Websphere and IPlanet web servers and Oracle and MS SQL Server database support.



## SECURITY FEATURES

### *Pyxis KMS...*

PYXIS KMS is a set of tools integrated together that form a foundation for rapidly building robust online applications using established Java standards. PYXIS KMS forms a solid platform for delivering modular and secure resources over the Web.

The foundation for application development comes from its adherence to Java standards, customizability and ability to integrate with other external resources.

Ability to protect online resources by password login and implementing time-outs.

Management tools for individuals and groups to make it easy to grant different access rights to different users

Ability to manage users and access permissions in real time via a web administration interface

Logging and reporting of user access patterns



## CONTENT AND CONSULTANCY SERVICES

PYXIS has worked with esteemed organizations such as University of Southern Queensland, INDELTA, Cyber Institute Australia and developed a series of successful educational tools.

PYXIS Technology Solutions through its subsidiary Pyxis Education and supported by Indelta pty Ltd provides a wide range of E-learning consultancy services. Our team of online learning experts will provide targeted assistance to educational institutions and corporations at all stages of the online learning development cycle, from project management to final production of content and hosting.

Education application service provide (EASP) powered by Pyxis KMS platform

24\*7\*365 help desk support service for the platform.

Conversion of existing materials to online learning formats instructional design and development services for new and existing courses

Business case development for new ventures

Enhancing face-to-face teaching with online learning

Preparation and production of integrated Web, Electronic and paper-based materials

Strategic advice on trends and marketing in "e-learning"

Technical expertise in the areas of JAVA, Databases and multimedia development



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## Try PYXIS KMS today!

To access a working demonstration at different levels visit our site <http://203.76.28.114:8080/Indelta/Index.jsp> use the following logins for different access levels:


Site ID: PYXISKMS

Portal Administrator:	admin / admin
Course Manager:	manager / manager
Student:	student / student

Talk to PYXIS for the best services to your needs!

# **PYXIS KMS**

## The Knowledge Management System



**Pyxis** Technology Solutions Limited

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for a *connected* world

*An ISO 9001 Company*