

# Delivering Ancient Knowledge Systems using Cloud

<http://digitalsanskritguru.com>

October 2016

Forecast  
HUMIDITY 22%, CLEAR

4.2 mi.  
TO SHELTER AND WATER SOURCE



# Ancient Knowledge Systems: Basic Tenets of Extracting Value using Cloud Platforms



Digitize Vs Democratise



Evolve with new technologies



Network Effect through Platform Model



Integrate with mainstream



Innovative Delivery Mechanisms



Self Sustained commercial model

# Democratization of information in ancient knowledge systems

Accessible to 50  
People in paper  
form



Accessible to 5000  
People in digitized  
form



Accessible to  
millions through  
cloud platforms



Vyoma Labs is an entity which helps organisations in making the transition from mere digitization to useable, information through cloud for people, learners such that value, wisdom and instant gratification can be derived.

The areas of consideration are : Sanskrit E-learning, Heritage & Values, Science in Ancient Knowledge System and Manuscripts

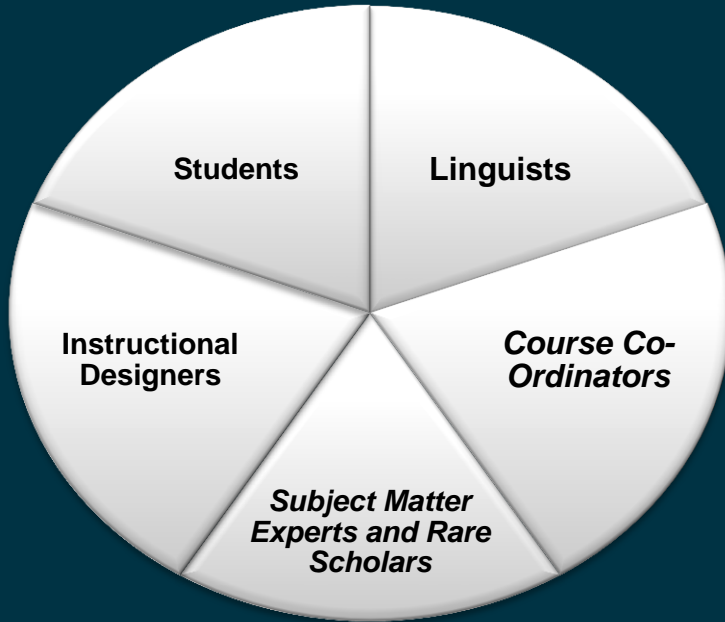
Benefits: Solve contemporary social -economic problems, Leadership with knowledge, Braingym for people

Case Study: Sanskrit E-learning products through cloud – [www.digitalsanskritguru.com](http://www.digitalsanskritguru.com)

# Network Effect using Platform Model:

Case Study: [www.sanskritfromhome.in](http://www.sanskritfromhome.in)

Stakeholders : Connecting best scholars and committed students



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**Vyoma Samskrita Pathashala**

Free online platform where teachers and students learn Sanskrit, Anytime, anywhere

<b>18</b> courses	<b>3000</b> Registered Users	<b>600</b> Lessons	<b>400</b> Video recordings
<b>88000</b> e-learning content hours*	<b>2</b> Courses for Sanskrit beginners	<b>16</b> Courses for advanced learners	<b>5</b> Dedicated Teachers and Scholars
<b>25</b> volunteers/freelancers		<b>44000</b> touch-prints achieved through Vyoma Initiatives	

Last updated on 13 September 2016

# Innovative Delivery Mechanism

Listen | Pronounce | Read | Speak | Write | Comprehend | Compose |  
Vocabulary | Analytical Skills

## Case Study: Sanskrit Language Labs : Changing the Landscape of Language Teaching



### Delivery

Authorization, Security, Scalability, Vault, Terminal Management, Network



### Learning Management System

User Management, Organization Management, Performance Management



### Technical Integration

Audio recorder /player, Video recorder/player, Image / Animation Presentation, Rich Media Tools, Writing Tablets



### Pedagogy

Course Structure, Instructional Design

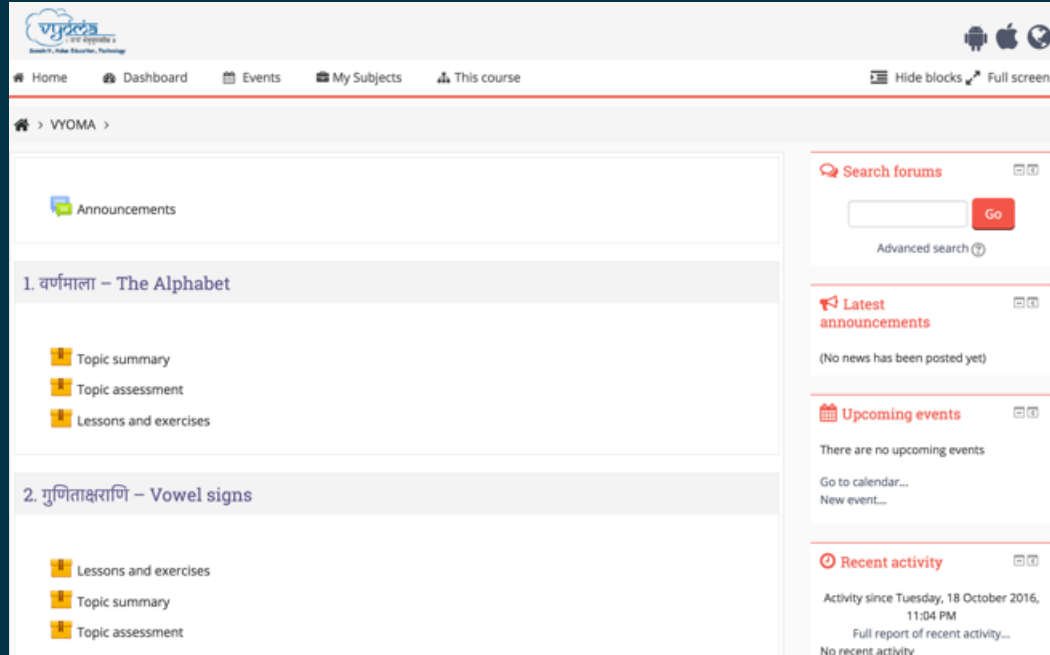


### Authoring Tools

Content preparation and management tools

# Evolve with new Technologies

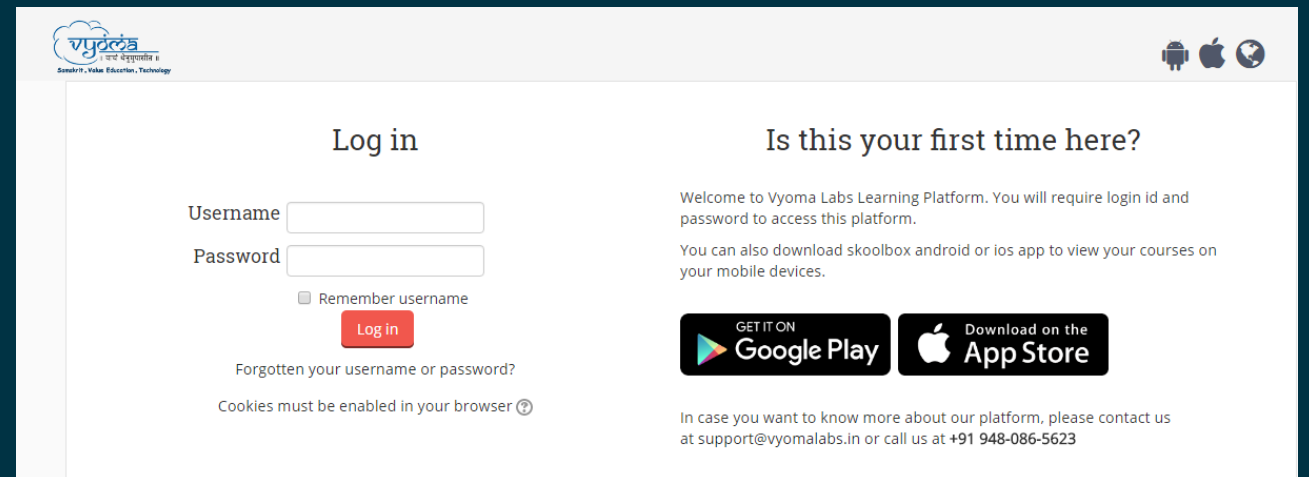
<http://sanskrit.skoolbox.in>



The screenshot displays the Skoolbox LMS interface. The top navigation bar includes 'Home', 'Dashboard', 'Events', 'My Subjects', and 'This course'. The main content area is titled 'व्योमला - The Alphabet' and lists 'Topic summary', 'Topic assessment', and 'Lessons and exercises'. Below this, the section 'गुणित्वाक्षराणि - Vowel signs' is visible, also listing 'Lessons and exercises', 'Topic summary', and 'Topic assessment'. The right sidebar contains a 'Search forums' section with a search box and a 'Go' button, followed by 'Latest announcements' (no news posted yet) and 'Upcoming events' (no events listed).

Skoolbox is a moodle based technology LMS platform which enables SCORM compliant content to be accessed through Web, IOS and Andriod. Huge saving in development costs without compromise on the learner experience. !!

Benefits: for institutions; Learning content for serious learners on the GO!!

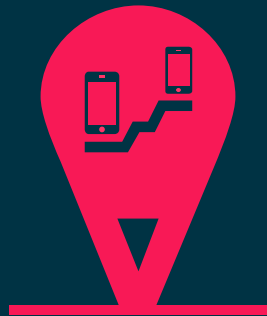


The screenshot shows the login page of the Skoolbox LMS. It features a 'Log in' section with fields for 'Username' and 'Password', a 'Remember username' checkbox, and a 'Log in' button. Below the login fields are links for 'Forgotten your username or password?' and 'Cookies must be enabled in your browser'. To the right, the 'Is this your first time here?' section welcomes users and provides instructions on how to access the platform. It includes links to download the Skoolbox app from the 'Google Play' store and the 'App Store'. At the bottom, contact information is provided: 'In case you want to know more about our platform, please contact us at support@vyomalabs.in or call us at +91 948-086-5623'.

# Integrated Cloud Based Platform for Ancient Knowledge System Delivery



# How cloud enables the delivery of ancient knowledge management systems? – Self sustained model



End-to-End  
Technology



Infrastructure  
cost



Multi Tenancy



Global Reach and  
Accessibility to Rare  
Skills



Best Practice  
Security



Analytics and User  
Experience Management





<http://www.vyomalabs.com>

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