



Web-based Application for School's Management and Staff



- ✓ *Caters to Sarva Shiksha Abhiyan requirements*
- ✓ *Customizable as per School's requirements*
- ✓ *Multi-lingual (Interface and Data entry in Unicode)*
- ✓ *Single point and Complete Education Management Support*
- ✓ *Zero redundancy in managing the entire institutions records.*
- ✓ *Save efforts and money in communication and reporting aspects.*

What is GEMS?

GEMS (Guruji Education Management Solution) is a complete suite of software modules that empower one to automate various aspects of education management without data redundancy and proper inter module interface. GEMS, permits one to capture & present school and student data in a meaningful manner by integrating - admission management, student billing, student attendance, student report card, time table management, library management, staff appraisal and store management into one integrated and easy-to-use application.

WHO IS IT FOR?

GEMS can be used by any Public and Private School. Further, its modular structure facilitates deployment of only relevant modules and customization as per the requirement of the school. The current release version of the application is GEMS, which is a browser based application and can be installed over a school Intranet.

WHAT TECHNOLOGY DOES IT USE?

GEMS is developed with the support of Microsoft on the latest Microsoft technologies. GEMS is developed on a web based architecture using .NET 2.0 framework. Use of .NET enabled us to do software integration by using Open Internet communication protocols (XML/HTTP) as well as using the power of UNICODE and rich easy interfaces.

GEMS uses SQL 2005 database to make it more robust and secure in terms of data; and uses SQL reporting feature for report generation.

Who all in a School will benefit from GEMS:



WHAT ARE THE MODULES AND FEATURES IN GEMS?

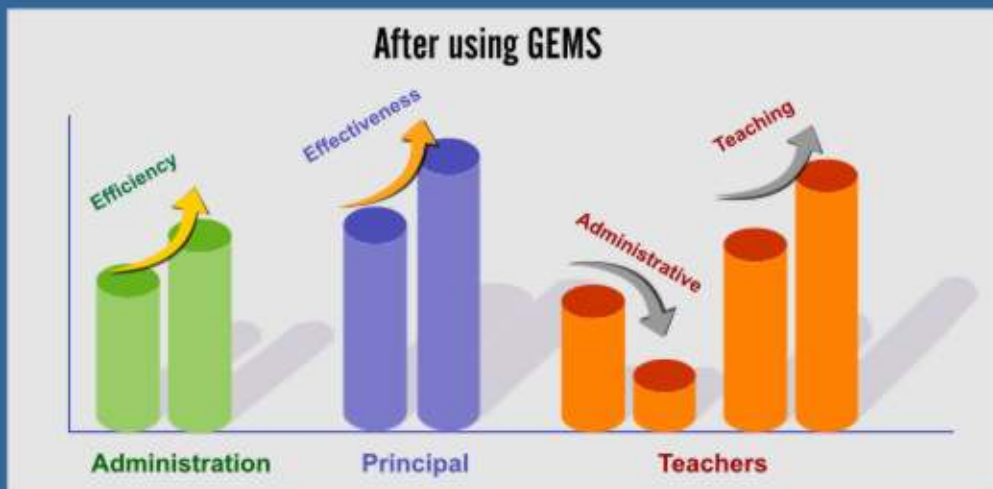


- ✓ School, Staff, Student profile
- ✓ Student Accounts Register
- ✓ Student Health
- ✓ Student Attendance
- ✓ Examination / Report Card
- ✓ Holidays and School Calendar
- ✓ Class / Teacher Time Table
- ✓ Admission Cancellations
- ✓ Staff Performance Appraisal
- ✓ Store Management
- ✓ Library Management
- ✓ Various Reportson demand that will facilitate data analysis at school level and also submission to the Zilla Parishad.
- ✓ System Administration

WHAT ARE THE BENEFITS OF USING GEMS?

Increase in Productivity

Implementing GEMS would help in increasing the productivity of all the major stakeholders of a school. GEMS Data and Reports will save a lot of time and help in faster decision making. Time spent by the **Principals** on gathering the day to day data for students and staff reduce and help them in getting right information at the right time. GEMS will help **Teachers** in terms of computation automation and avoid redundant tasks involved in attendance and academic performance reporting. **Accounting and Administrative Staff** can benefit by the streamlined and automated admission and students' accounts tracking.



Ease of Operations

Educational institute with GEMS can easily manage and store all the records (data) about students, school, teachers and other staff. Various screens and forms are available in local language and have been designed using various grids and dock-able sections within the forms; thus avoiding clutter of information on the screen.

Simplified & Centralized Data Storage

The database design has been completely 'normalized' thus preventing any redundancy and confusion about the data point. A single database is installed for the schools and easy cross-table reference has been maintained to ensure fast retrieval of data.

FUTURE ROADMAP AND SUBSEQUENT VERSIONS OF GEMS

The subsequent versions of GEMS would provide for access to all the stakeholders including Parents and students. The relevant data exchange and communications would be handled over internet and various reports and Decision Support System would be incorporated in the same.

The future versions will also keep migrating to the latest technologies and tools.

WHAT ARE THE SOFTWARE AND HARDWARE REQUIREMENTS FOR GEMS?



Server Side Hardware requirement (Server Computer):

PROCESSOR

Minimum: Pentium 4 with 1.7 Ghz, Recommended: Dual Processor, Intel® Xeon™ processor 2.4 GHz (533MHz FSB) with 512KB Cache

RAM - Minimum: 512 MB, Recommended: 1 GB PC2100 DDR SDRAM

HDD - Minimum: 20 GB, Recommended: > 20 GB

DRIVE - Minimum: CD Rom, Recommended: CD or DVD drive

DISPLAY - Minimum: 1024 × 768, Recommended: 1024 × 768 or higher resolution monitor

NETWORK - Minimum: 56 Kbps connection between client computers and server, Recommended: 56 Kbps or faster connection between client computers and server

Server Side Software requirement (Server Computer):

✓ NET Framework 2.0

✓ IIS

✓ Windows Server 2003 Std Edition / Windows XP Professional, Windows Multilingual User Interface Pack (MUI) settings installed

✓ Internet Explorer 7.0 with service pack 2 and above

✓ RDBMS - MS Access 2003 and above, Recommended SQL Server 2005 Std Edition



Client Side Hardware/Software requirement (Desktop or user Computer):

✓ Pentium 4 with 1.7 Ghz, 512 MB RAM, >=20 GB HDD

✓ MS Office 2003 and above

✓ Internet Explorer 7.0 with service pack 2 and above

CONTACT INFORMATION

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