

Implementation of School Educational Services under NOFN Pilot



Department of School Education & Literacy
Ministry of Human Resource Development, Government of India

Report prepared with inputs from Buzzyears Education and ATSI Technology Solution

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1. Introduction

As part of the DPR engagement, it was decided to conduct the Proof of Concept (PoC) of a few of the services proposed under the MMP at the school level under the NOFN pilot. A total of 28 government and government-aided schools in Arian block under Ajmer District (Rajasthan) that were earlier provided connectivity under ERNET project were selected for the PoC.

Objectives of the Proof of Concept

1. Demonstrate the feasibility of implementation of the services (at least limited functions) proposed as part of the School Education MMP in these selected schools
2. Demonstrate the potential utility of such services to the end stakeholders
3. Understand the challenges in implementation of above services (training requirements, user adoption, perception of utility to end stakeholders, infrastructural constraints, ..)

Due to the limited scope and duration of the NOFN pilot, evaluating the impact of the implementation on the envisaged MMP objectives is not an objective of this PoC.

The scope of the PoC was restricted to implementation of limited functions (as described below) of the School Management Information System:

1. Track progress on lesson plans
2. Capture student and teacher attendance
3. Capture student assessment results
4. Send SMS alerts to parents / guardians for students' missing classes
5. Publish academic calendar, class/section timetable, and teacher schedule
6. Generate the following (indicative) reports
 - a. Compare performance of similar schools performing in an area
 - b. Compare performance of students in specific classes, subjects across the pilot block
 - c. Track student performance across all assessments
 - d. Compare performance of students visavis assessments and class/course performance
 - e. Student and teacher attendance report.
 - f. Track attendance of a student
 - g. Where are students excelling?
 - h. Where do students need improvement?
 - i. How can we group students with similar needs and tailor instruction to meet these needs?

- j. What subject areas/content/standards are being learned well?
- k. What subject areas/content/standards are students not performing well on?
- l. Are there differences or achievement gaps between key populations (economically disadvantaged, gender, and so on)?
- m. How is the student/class/school/district progressing over time?
- n. Gives insight to teachers' strengths and areas they could use improvement
- o. Identify teachers who are in need of training
- p. Identify training needs of teachers

While ideally, it is required to run the PoC for one entire academic year, since the academic year has already started, PoC will be run till the end of the current academic year. For the transaction data generated so far (e.g., student records, attendance, progress on lesson plans, assessments,...) the data was captured in the system prior to the start of the PoC implementation.

Buzzyears Education Pvt. Ltd. and ATSI Technology Solution Pvt. Ltd. that have school information systems developed and implemented in government / private schools have come forward to take up the PoC on a no-cost-no-commitment basis. Of the 28 schools, 14 each have been allocated to Buzzyears and ATSI. The scope of the pilot implementation agency included:

1. Localization (including language) and configuration of the application / content as appropriate for the District
2. Initial Data Entry (indicative list below)
 - a. Configure School Profile, Teacher Profile, and Student Profile
 - b. Configure School calendar, classes, sections, timetable, teacher scheduling
 - c. Configure Lesson Plans for the identified subjects and teachers
 - d. Configure any other data as required to run the pilot
3. Initial training of end users
4. Onsite handholding support for a period of 3 months
5. Offsite support for the remainder of the academic year
6. Hosted Applications
7. Regular reporting of the usage statistics and any reported issues
8. Purge the entire data (master and transactional) at the end of the pilot

2. List of Schools

Buzzyears:

SI No	Address	Location	Block	Connecting BTS/POP Locations
1	GOVT.Sec.school	Jherota	Arain	Baroda
2	GOVT.Sec.school	Godhiyana	Arain	Baroda
3	GOVT.Sec.school	tazpura	Arain	Nagola
4	GOVT.Sec.school	mandavariya	Arain	Kada
5	GOVT.Sec.school	Katsura	Arain	Kada
6	GOVT.Sec.school	Dhuolpuriya	Arain	Kada
7	GOVT.Sec.school	Bhogaded	Arain	Urseva
8	GOVT.Sec.school	Gagunda	Arain	Urseva
9	Sarswati Bal Sec School	Ariae	Arain	Kada
10	GOVT.Sec.school	Sandoliya	Arain	Kada
11	GOVT.Sec.school	Devpuri	Arain	Kada
12	Ranabai Children Acad Primary Sanskrit School	Arain	Arain	Kada
13	Vandana Primary Sanskrit School Akodia	Akodia	Arain	Kada
14	MRG Academy Sarvad Rd	Arai	Arain	Kada

ATSI

Sl No	Address	Location	Block	Connecting Locations	BTS/POP
1	Rajkiya Parveshika Sanskrit Vidhalaya	Baroda	Arain	Borada	
2	Children Primraj Sanshthan	Baroda	Arai/Arain	Kada/Molkiya	
3	GOVT.Sec.school	Manhorapura	Arain	Baroda	
4	GOVT.Sec.school	harpura	Arain	Baroda	
5	Amrit wadi Sanskritik School	Sayar	Arain	Baroda	
6	GOVT.Sec.school	Fathegarh	Arain	Baroda	
7	GOVT.Sec.school	Kashir	Arain	Baroda	
8	GOVT.Sec.school	Rampali	Arain	Molkiya	
9	GOVT.Sec.school	JaliyaIII	Arain	Nagola	
10	Ugmarao memorial Sishahad Santhan	Surajpura sarwad	Arain	Borada	
11	GOVT.Sec.school	khiriya	Arain	Borada	
12	GOVT.Girls Sec.school	Ba Sanpla	Arain	Nagola	
13	GOVT.Sec.school	Hingonia	Arain	Baroda	
14	GOVT.Sec.school	Lalai	Arain	Baroda	

3. Application Modules Implemented

School Management

The details of the school may be recorded on the platform for the higher official to access any detail of the school from anywhere. This application will give the student strength, area of the school, staff strength, photographs and a brief description of the school.

Student Management

The Student Management application helps to maintain all student records for a student such as student profile, parent profile, sibling details, attendance, health, marksheets, scholarships etc. It also provides customized reports to enable administrators to access any information they manage and track for students.

Employee Information

This application helps manage school staff details. Beyond this it provides numerous reports for schools to be able to obtain information in the form they desire.

Student Attendance

Daily student attendance can be recorded and an sms can be sent to parents in case their ward is missing from school.

Leave Management

Daily staff attendance can be recorded which can also be extracted in report form and is visible on central dashboards real time.

Report Cards

Teachers can use the web interface to record grades for students. When the teacher is ready, these grades can be published from the grade book resulting in progress reports being made available to parents and students.

Curriculum Tracking

Curriculum and lesson plans can be fed into the system and regularly monitored to check if the teacher is giving the required number of tests and is up to speed with syllabus and curriculum.

4. Planning

The execution of the project is based on onsite-offshore model. Following are the key highlight of the execution model –

- a. Cloud Enabled Solution is deployed on internet cloud and accessed through internet from the schools
- b. The technical software maintenance team is located offsite
- c. Support resources have been stationed onsite.
- d. Initial Data loading though was originally planned for schools to undertake, was taken up by the support team to overcome slow progress
- e. Support resources have been visiting the schools for training and hand holding support at least once a week per school

The project was divided into the following phases

- Data Collection: Initial Data for various applications to be collected by visiting schools. This data was present mostly on paper.
- Data Digitization: The collected data was converted to digital format preserving the language of data.
- Data Setup: Data to be setup for various applications to be working for schools as expected. The digital data was loaded into applications.
- Training: To conduct training in schools for the IT teacher / resource and the principal.
- Hand holding: To provide close hand holding support for the school to be able to use applications on a daily basis and perform routine tasks.
- Running smoothly: School to be able to use the applications on their own and ask for help in special cases.

4.1. Data Collection

Initial Data for various applications was collected by visiting schools.

- The data in most of the schools was in registers and schools were understaffed to find the time to digitize the data.
- The team went to each school and collected data from their paper records and typed it into the applications to convert it into digital format as required for applications.
- For schools that had data in Hindi, it is represented in Hindi in the applications too.

- For sending SMS's to parents, schools were not maintaining records of cell phone numbers of parents. The schools were requested for this data and they provided this after obtaining it from parents.
- For curriculum tracking, schools didn't have a detailed lesson plan or scheme for delivering curriculum in classes. The curriculum for all subjects in all classes was identified as lessons to be taught in subjects and the same was then uploaded on to the Curriculum Management application.
- Curriculum tracking for these schools is setup to track which chapters are being taught in which classes and in which subjects on which days and by whom.
- Government school teachers maintain a daily diary in which they record the lessons that they taught on that day. Private schools did not follow any daily curriculum-recording plan. Henceforth both Govt. as well as private schools will be recording this in the applications.
- To the schools that were not maintaining diaries, we provided registers to their teachers so this information could be maintained on a daily basis from which the IT person could transfer to the application.

4.2. Data Set Up

Data was setup for various applications to be working for schools as expected.

4.3. Training

Training was divided into two locations for 3 days each.

- MRG Academy Arain
- Govt. Secondary School Bhogadeet

During the training, the following modules were covered

- Using Internet
- Email
- Skype
- School Management
- Student Management
- Employee Information
- Student Attendance
- Leave Management
- Report Cards
- Curriculum Tracking

4.4. Handholding

For ease of use and for the discipline of daily use of all applications, schools needed close hand holding and guidance for a period of 2 months or more.

For this, a team of 3 people supports 14 schools by living in a location within the block. This team provides everyday support to schools and addresses any issues that they may have in using the applications on a daily basis. This team speaks to the schools on daily basis and visits them twice a week.

4.5. Running Smoothly

The handholding phase is planned to continue till it is seen that the applications are running smoothly in the schools on a regular basis. All schools will also be able to generate report cards through the report card application.

5. Timelines

Various phases of this project were conducted with respect to the following timelines,

Buzzyeers:

S. No	Phase	Start Date	End Date
1	Data Collection	14 Oct 2013	17 Oct 2013
2	Data Setup	18 Oct 2013	23 Oct 2013
3	Training	23 Oct 2013	28 Oct 2013
4	Holidays	28 Oct 2013	10 Nov 2013
5	Handholding	11 Nov 2013	-

ATSI:

Activity	Oct	Nov				Dec				Jan				Feb	Mar	Apr
	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4			
Project Induction Training																
Data Collection																
Solution Hosting																
Staff Data Entry																
Student Data Entry																
Training																
Hand holding Support																

6. Application Screens – Buzzyyears

The project plan above was designed to achieve the following goals in applications listed below,

1. Application: School Management
 - a. Data Entry
 - i. School information set up
 - b. Dashboard
 - i. Principals and block/district/center users are able to see information as required

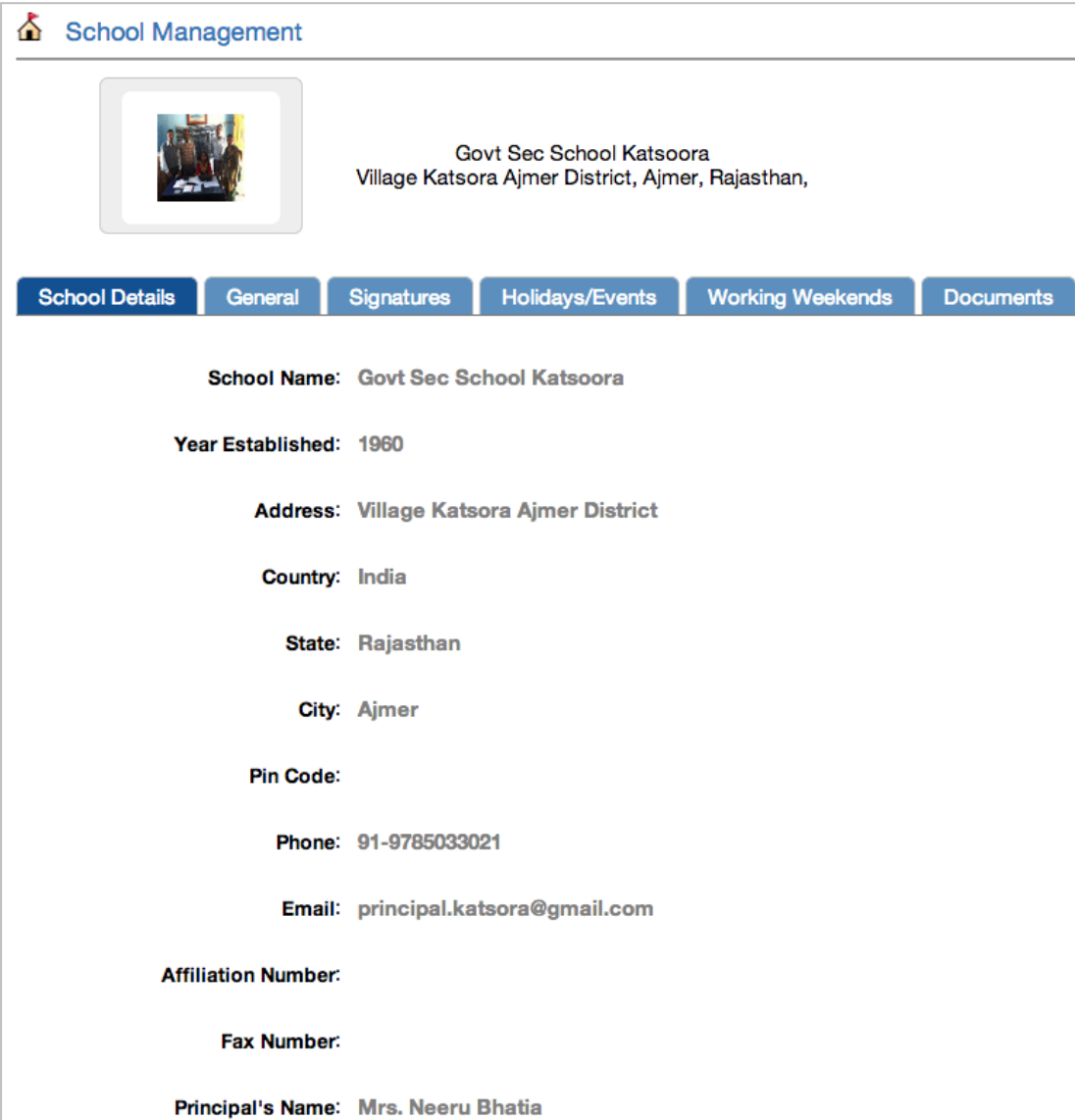

A screenshot of the 'School Management' application interface. At the top, there's a header with a house icon and the text 'School Management'. Below this is a section for school information, including a placeholder image for a school building and the text 'Govt Sec School Katsoora, Village Katsora Ajmer District, Ajmer, Rajasthan,'. A horizontal menu bar contains tabs for 'School Details', 'General', 'Signatures', 'Holidays/Events', 'Working Weekends', and 'Documents'. The 'School Details' tab is active, displaying a form with the following fields: 'School Name: Govt Sec School Katsoora', 'Year Established: 1960', 'Address: Village Katsora Ajmer District', 'Country: India', 'State: Rajasthan', 'City: Ajmer', 'Pin Code:', 'Phone: 91-9785033021', 'Email: principal.katsora@gmail.com', 'Affiliation Number:', 'Fax Number:', and 'Principal's Name: Mrs. Neeru Bhatia'.

Figure 1: School Management Application

2. Application: Employee Information
 - a. Data Entry
 - i. Student details to be recorded in school
 - b. Dashboard
 - i. Principals and block/district/center users are able to see information as required

 **Employee Information**

Govt Sec School Katsoora
Year: 2014-2015
[Setup](#)

[Employee Profiling](#)
[Employee Exit](#)
[HR Policies](#)
[Student Policies](#)
[Reports](#)

[Add New Employee](#)

Employee Name/Code:
Staff Category:
Designation:
Department:
Search

Status:

[Employee Details](#)
[Contact](#)

Preview:










Employee Name	Employee Status	Staff Category	Date of Appointment	First Name	Middle Name
 उषारानी बंशीवार ...	Active	View		उषारानी	
 जस्सा राम ...	Active	View		जस्सा	
 नीरू भाटिया ...	Active	View		नीरू	
 राम शर्मा ...	Active	View		राम	प्रसाद
 सत्यनारायण ...	Active	View		सत्यनारायण	
 सुभाष चंद ...	Active	View		सुभाष	
 महावीर प्रसाद ...	Active	View		महावीर	
 मानसिंह तंवर ...	Active	View		मानसिंह	

Figure 2: Employee Information Application

3. Application: Student Management
 - a. Data Entry
 - i. Student details to be recorded in school
 - b. Dashboard
 - i. Principals and block/district/center users are able to see information as required

 **Student Management**
Reports Setup

Govt Sec School Katsoora
Year: 2013-2014

Add New Student
Mark Students Active

Name/Username
Admission Number
Student Status
Class
Section
Streams

All
All
All
All

☒ Export (*.csv)

More Filters

Student Details
Parent Details
Contact Details
Prior Institutes Attended
Other Details

Preview:











	Student Name	Status	First Name	Middle Name	Last Name	Class
<input type="checkbox"/>	 अनिल गुर्जर	Active	अनिल		गुर्जर	VI
<input type="checkbox"/>	 जीतराम जाट	Active	जीतराम		जाट	VI
<input type="checkbox"/>	 जुम्मा पिनारा	Active	जुम्मा		पिनारा	VI
<input type="checkbox"/>	 दिनेश बैरवा	Active	दिनेश		बैरवा	VI
<input type="checkbox"/>	 देवेश चोयल	Active	देवेश		चोयल	VI
<input type="checkbox"/>	 पप्पू चौधरी	Active	पप्पू		चौधरी	VI
<input type="checkbox"/>	 मनोज मेघवंशी	Active	मनोज		मेघवंशी	VI
<input type="checkbox"/>	 महावीर गुर्जर	Active	महावीर		गुर्जर	VI
<input type="checkbox"/>	 मुख घासल	Active	मुख	राम	घासल	VI
<input type="checkbox"/>	 हंसराज गुर्जर	Active	हंसराज		गुर्जर	VI

Figure 3: Student Management Application

4. Application: Student Attendance

a. Data Entry

i. Student Attendance recorded in school

b. Notification

i. Parents are informed when child is absent by 11 am by SMS

c. Dashboard

i. Principals and block/district/center users are able to see information as required

Attendance															
VII															
Back to TODO List Setup															
Show the week : 02 Dec - 08 Dec															
Mark Attendance Clear All															
Roll No	Student	Abs	Lve	M 02	T 03	W 04	T 05	F 06	S 07						
Total Present				5	5	8	10	9	9	5	5	6	10	9	0
Total Absent				6	6	3	1	2	2	6	6	5	1	2	0
Total Leave				0	0	0	0	0	0	0	0	0	0	0	0
Percentage %				45	45	73	91	82	82	45	45	55	91	82	0
				I	II	I	II	I	II	I	II	I	II	I	II
701	बाबु गुर्ज...	5	0	A	A	P	P	P	P	A	A	A	P	P	-
702	देवराज गुर...	11	0	A	A	A	A	A	A	A	A	A	A	A	-
703	हरिराम बटे...	7	0	A	A	P	P	A	A	A	A	A	P	P	-
704	काना जाट...	0	0	P	P	P	P	P	P	P	P	P	P	P	-
705	मिट्टू बटे...	4	0	A	A	P	P	P	P	A	A	P	P	P	-
706	मुकेश घोयल...	0	0	P	P	P	P	P	P	P	P	P	P	P	-
707	मुखराज घोय...	1	0	P	P	P	P	P	P	P	P	A	P	P	-
708	प्रधान बैर...	0	0	P	P	P	P	P	P	P	P	P	P	P	-
709	सुखपाल घास...	5	0	A	A	A	P	P	P	A	A	P	P	P	-
710	सुरेश खतना...	7	0	A	A	A	P	P	P	A	A	A	P	A	-
711	राजेश रैगर...	0	0	P	P	P	P	P	P	P	P	P	P	P	-

Legend	
-	: Not Marked
P	: Present
A	: Absent
L	: Leave
E	: Excused
S	: Suspended
O	: Office Duty
H	: Holiday

Figure 4: Student Attendance Application

प्रिय अभिभावक, अतिशय आज अनुपस्थित है

Figure 5: SMS sent to parent of a student when student is absent

5. Application: Leave Management

a. Data Entry

i. Teacher Attendance recorded in school by 11 am

b. Dashboard

i. Principals and block/district/center users are able to see information as required

Leave Management

Govt Sec School Katsoora Year: 2013

[Setup](#)

Attendance **Absent Remarks** **Reports**

Teaching Non Teaching

Show 3 weeks : 30 Dec - 19 Jan **All Present Today** P **Mark Attendance**

Name	Abs	Lve	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
			30	31	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
उषारानी बंधीवार	0	0	-	-	-	P	-	-	H	P	-	P	P	CL	CL	H	P	-	-	-	-	-	H
जस्सा राम	0	0	-	-	-	P	-	-	H	P	-	P	P	P	P	H	P	-	-	-	-	-	H
नीरू भाटिया	0	0	-	-	-	CL	-	-	H	P	-	P	P	P	P	H	P	-	-	-	-	-	H
राम शर्मा	0	0	-	-	-	P	-	-	H	P	-	P	P	OD	OD	H	P	-	-	-	-	-	H
सत्यनारायण	0	0	-	-	-	CL	-	-	H	P	-	P	P	OD	OD	H	P	-	-	-	-	-	H
सुभाष चंद	0	0	-	-	-	P	-	-	H	OD	-	OD	P	OD	OD	H	P	-	-	-	-	-	H

Legend

- : Not Marked
- P : Present
- A : Absent
- L : Leave
- H : Holiday
- ML : Medical Leave
- T : Tour
- CL : Causal Leave
- OD : Office duty
- HC : Half day Casual Leave
- PL : Privillage Leave
- DP : Deputation

Figure 6: Staff Leave Management Application

6. Application: Report Cards
 - a. Data Entry
 - i. Assessment details are recorded
 - ii. Report Cards are generated by schools as required
 - b. Notification
 - i. Parent is informed of assessment results when results are published by SMS
 - c. Dashboard
 - i. Principals and block/district/center users are able to see information as required

Report Cards

Report Card For Year: **2013-2014**, Grade: **VI**

Progress Report ⚙️ Setup

Sections

General Information

Reports

Period: ☒ Examination

Section: विषय » गणित

View by: ☐ Student ☒ Assessment

Please note that in **Assessment** view, you can only manage the marks for students. To configure the comments and other settings, you will need to use the **Student** view. 💾 Save

Student	परख परीक्षा						अर्धवार्षिक परीक्षा		वार्षिक परीक्षा	
	प्रथम		द्वितीय		तृतीय		मौखिक	लिखित	मौखिक	लिखित
	मौखिक - I	लिखित - I	मौखिक - II	लिखित - II	मौखिक - III	लिखित - III	मौखिक - I	लिखित - I	मौखिक - I	लिखित - I
	5	5	5	5	5	5	20	50	30	70
1. अनिल गुर्जर	4	2								
2. जीतराम जाट	4	Ab.								
3. जुम्मा पिनारा	4	0								

Figure 7: Report Cards Application

7. Application: Curriculum Management
 - a. Data Entry
 - i. Curriculum taught to be recorded on a daily basis
 - b. Dashboard
 - i. Principals and block/district/center users are able to see information as required

Curriculum Management				
MRG Academy Arain			Year: 2013-2014	Class: VI
Terms	Curriculum Progress			Reports
गणित (VI)	हिन्दी (VI)	अंग्रेजी (VI)	भारतीय और स्वास्थ्य शिक्षा (VI)	विज्ञान (VI)
			इतिहास (VI)	भूगोल (VI)
				संस्कृत (VI)
Teacher: प्रधान जाट				
Topics	Sub Topics	Start Date	End Date	Completion %
अपनी संख्याओं की जानकारी	अपनी संख्याओं की जानकारी	01/04/2013	31/03/2014	100
पूर्ण संख्याएँ	पूर्ण संख्याएँ	01/04/2013	31/03/2014	0
संख्याओं के साथ खेलना	संख्याओं के साथ खेलना	01/04/2013	31/03/2014	0
आधारभूत ज्यामितीय अवधारणाएँ	आधारभूत ज्यामितीय अवधारणाएँ	01/04/2013	31/03/2014	0
प्रारंभिक आकारों को समझना	प्रारंभिक आकारों को समझना	01/04/2013	31/03/2014	0
पूर्णांक	पूर्णांक	01/04/2013	31/03/2014	0
भिन्न	भिन्न	01/04/2013	31/03/2014	0

Figure 8: Curriculum Management Application

7. Dashboard - Buzzyears

A dashboard is "an easy to read, often single page, real-time user interface, showing a graphical representation of the current status (snapshot) and historical trends of an organization's key performance indicators to enable instantaneous and informed decisions to be made at a glance.

It allows management and organisation users to monitor their school performances such as student strength, HR dashboard, student attendance, teacher's attendance and students academic performance at a glance.

The dashboard has two sections,

1. Block Level Charts : This dashboard will allow user to select a block and then they will be shown charts for schools in that block in a comparative report.
2. School Level Charts : This dashboard will allow user to select one school in a block and see charts for it in an informative report.

Included below are snap shots of some of the graphical representation of reports that are visible to the administrators on their Dashboards for easy access and analysis of data. The reports backing these widgets have been defined as per the reports shortlisted in the Scope.

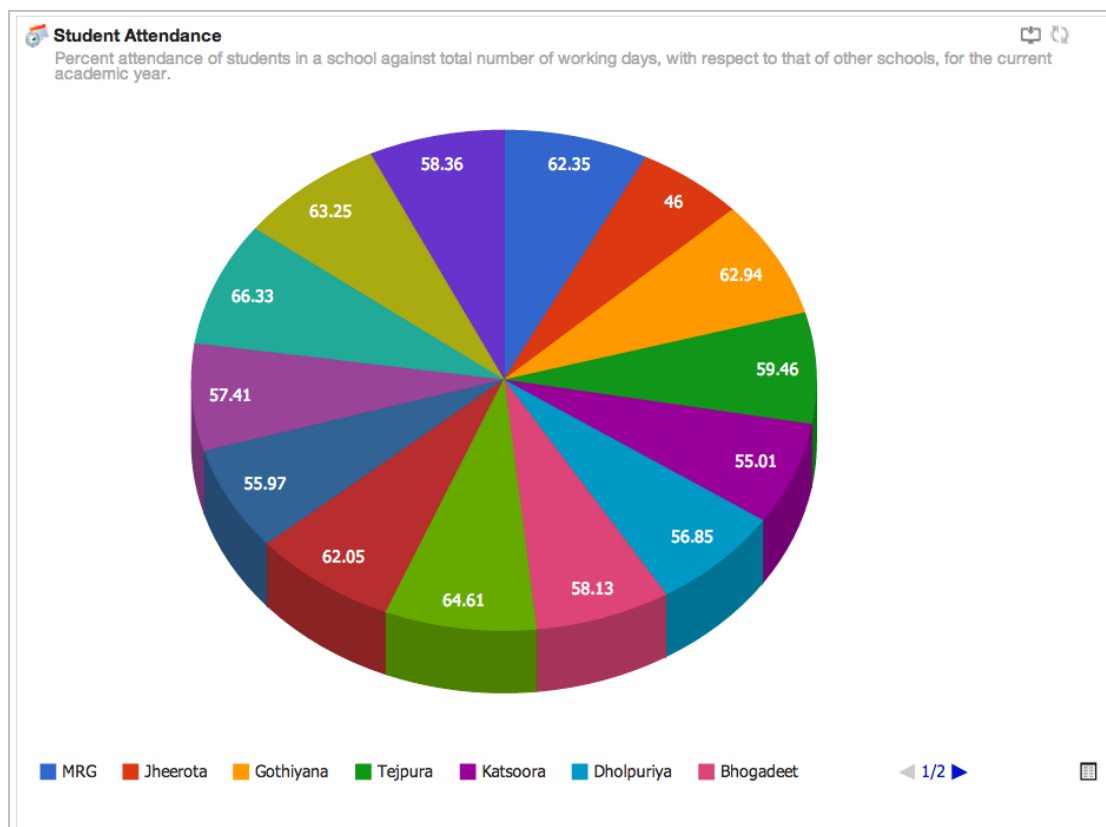


Figure 9: Student Attendance Widget from Dashboard

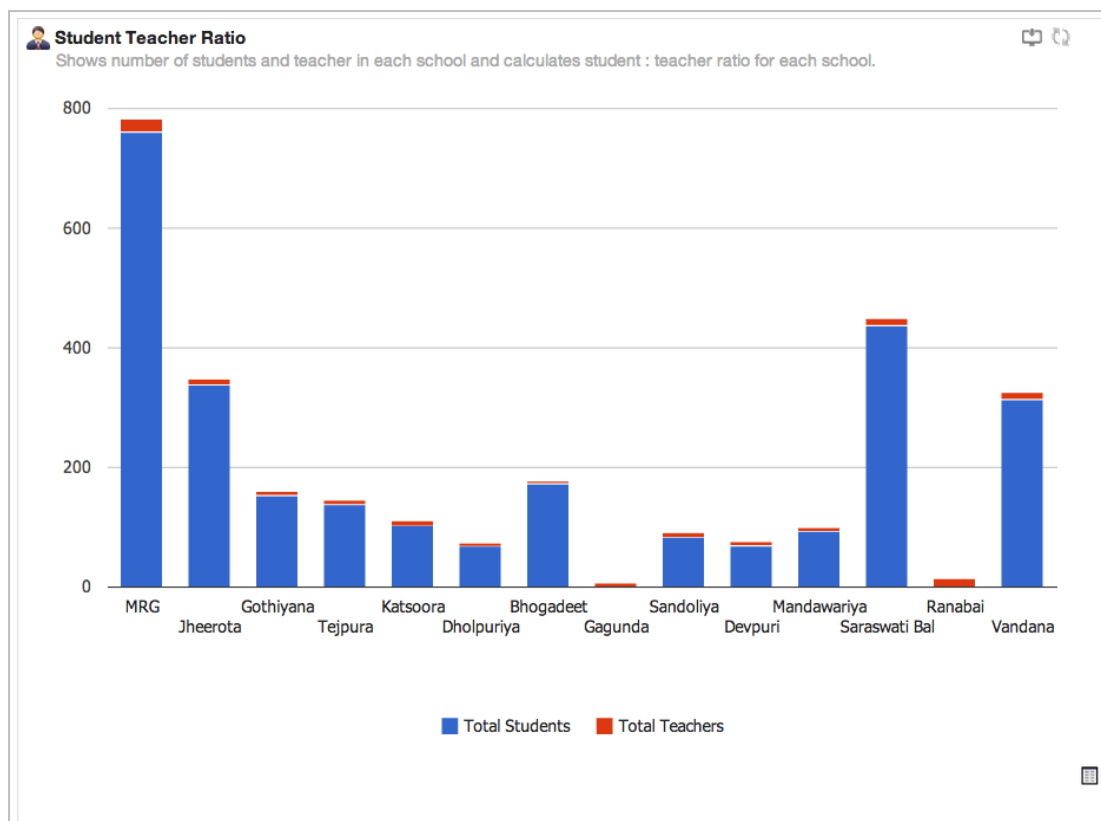


Figure 10: Student Teacher Ratio Widget from Dashboard

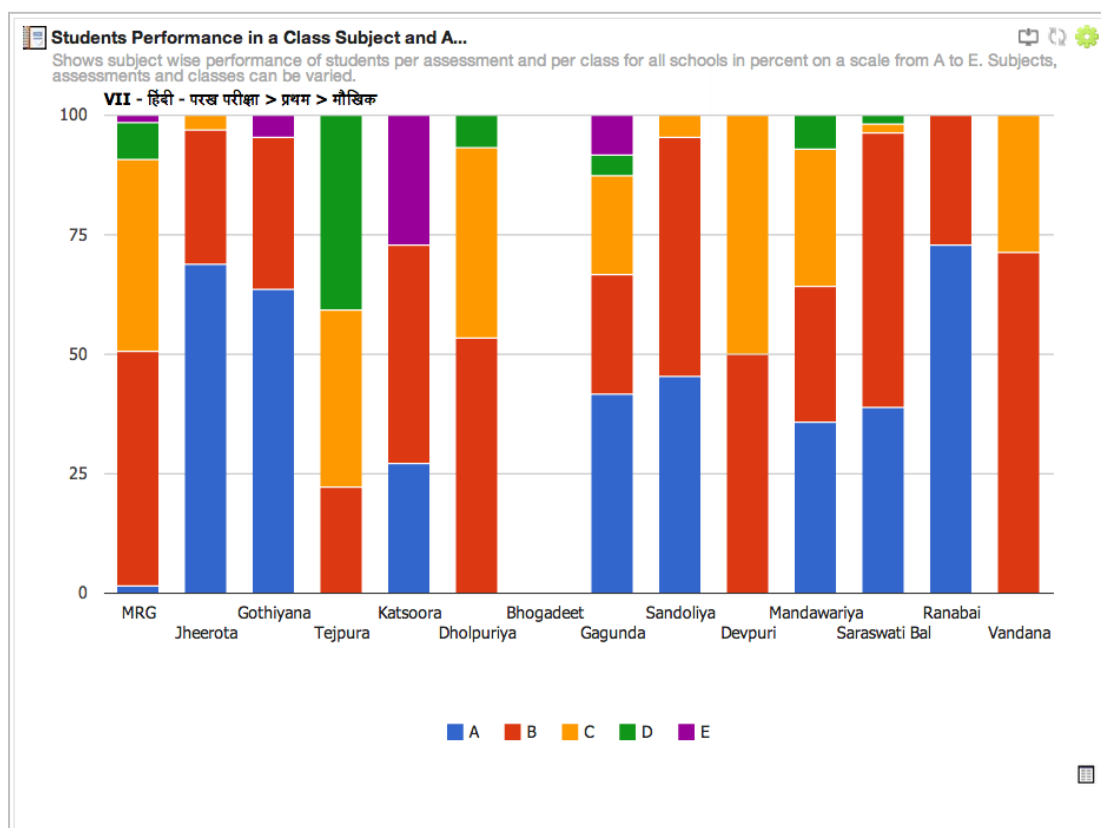


Figure 11: Student Performance in a class and Subject Widget from Dashboard

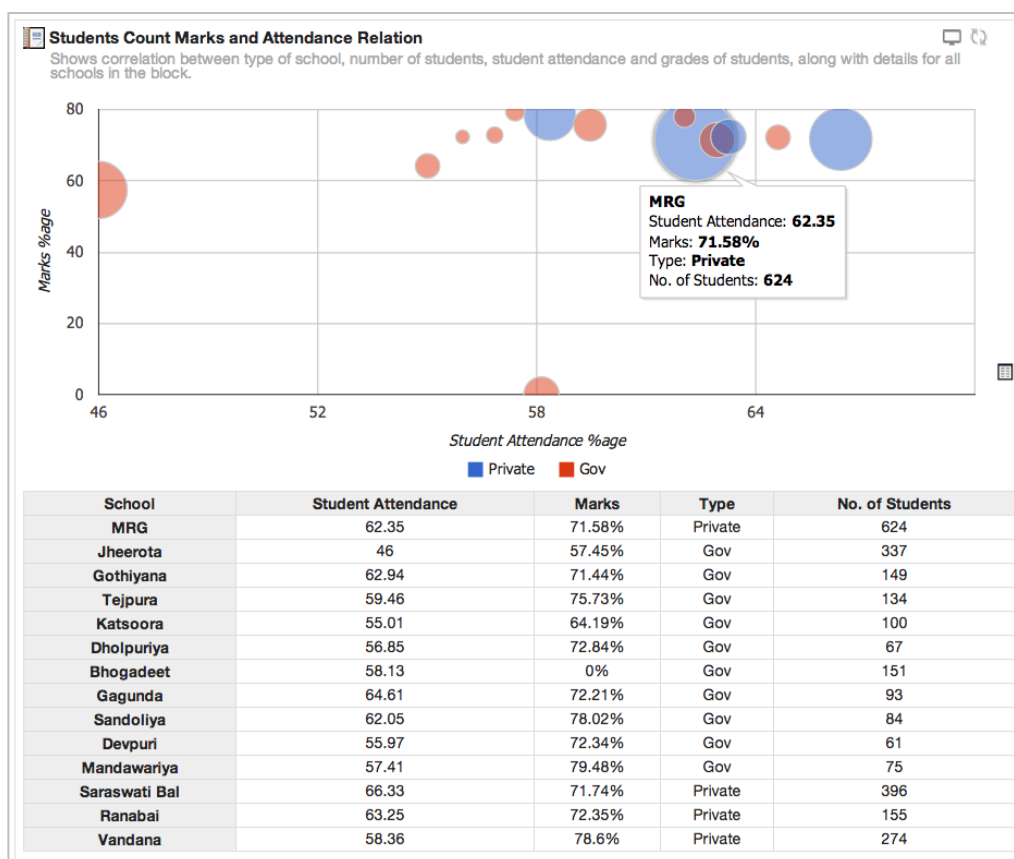


Figure 12: Student Count, Marks and Attendance Widget from Dashboard

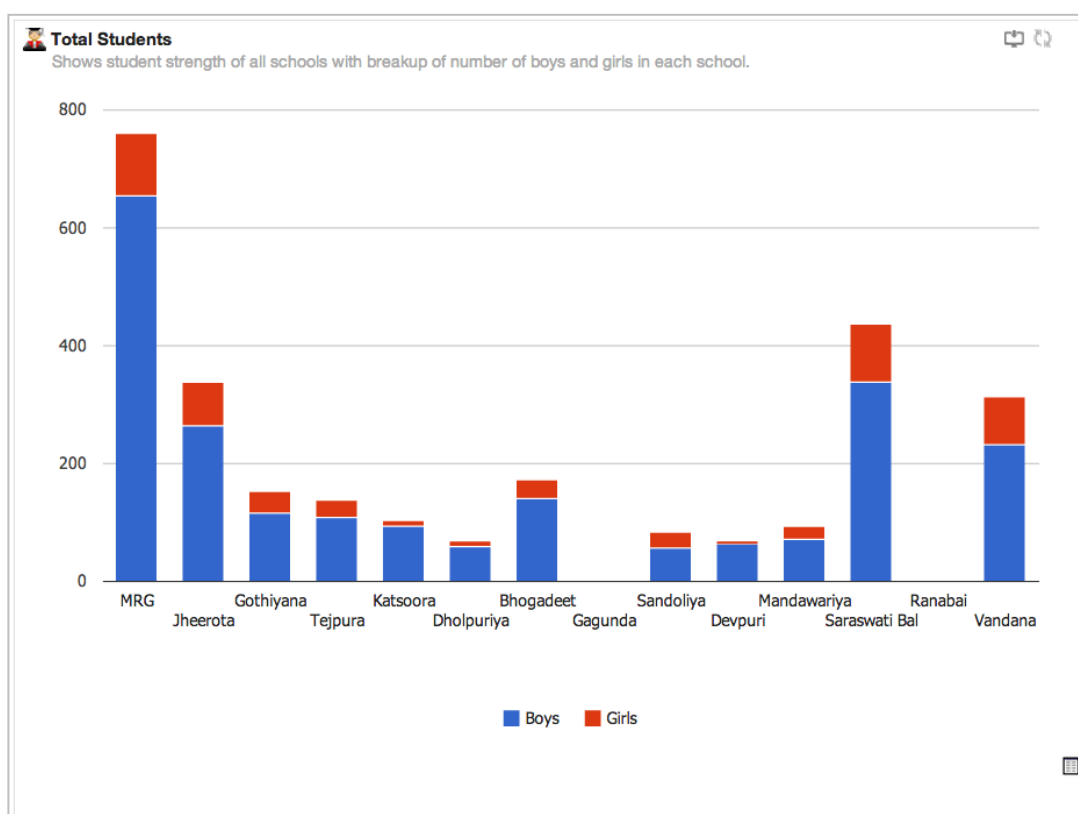


Figure 13: Total Students Widget from Dashboard

8. Application Screens – ATSI

Staff Records

G.S.S Lallai

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Options

WIZ - G.S.S Lallai Academic Session : 2013-2014

Logged in : System Admin Event Calendar Grievances Alumni Change Password Logout

Left Menu

- Administration
- Student Record
- Examination
- Registers & Result Analysis
- Accounts
- Procurement
- Stock And Asset
- Staff
 - Staff Record
 - Class Teacher Setup
 - Staff Vacancy
 - Staff Attendance
 - Staff Attendance Record
 - Sanction Leave Balance
 - Opening Leave
 - Leave Application
- Teachers Diary & Lesson Plan
- Library
- Communication
- Transport
- Reports

Home Staff Record

Add New Staff

Search Criteria:

Staff Name : Employment Status : Emp. Type :

Designation : Subjects :

Search

Emp Code	STAFF NAME	DESIGNATION	SUBJECT	DATE OF JOIN	DATE OF BIRTH	SEX	USERID	EDIT	Del
RJA.J199701010444	श्री मुरारी लाल मीना	वरिष्ठ अध्यापक	सामाजिक विज्ञान		01/07/1971	M	RJA.J199701010444	Update	Delete
RJA.J199401003244	श्री चन्द्र प्रकाश सुवालका	वरिष्ठ अध्यापक	अंग्रेजी		01/06/1973	M	RJA.J199401003244	Update	Delete
RJA.J201201006064	श्री सत्यनारायण बैशनब	वरिष्ठ अध्यापक	हिंदी		27/02/1984	M	RJA.J201201006064	Update	Delete
RJA.J201301027979	श्रीमती ममता चौधरी	वरिष्ठ अध्यापक	गणित		16/02/1986	F	RJA.J201301027979	Update	Delete
RJA.J197801007108	श्री सुमेर सिंह राठोड	वरिष्ठ लिपिक	हिंदी		11/07/1958	M	RJA.J197801007108	Update	Delete
RJA.J201101009976	श्री राजेंद्र प्रसाद गंग	कनिष्ठ लिपिक	हिंदी		19/11/1960	M	RJA.J201101009976	Update	Delete
RJA.J201101009981	श्री महेंद्र सिंह पवार	सहायक कर्मचारी	हिंदी		01/09/1957	M	RJA.J201101009981	Update	Delete
RJA.J199301019784	सीताराम कुमावत	वरिष्ठ अध्यापक	संस्कृत		01/12/1962	M	RJA.J199301019784	Update	Delete
RJA.J199001006999	नवीन चौधरी	शारीरिक शिक्षक	शारीरिक शिक्षा		04/01/1967	M	RJA.J199001006999	Update	Delete
RJA.J199801001620	मुकेश कुमार शर्मा	शारीरिक शिक्षक	शारीरिक शिक्षा		10/07/1977	M	RJA.J199801001620	Update	Delete

1

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Student Records

G.S.S Lallai x

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Options x

WIZ - G.S.S Lallai Academic Session : 2013-2014

Logged in : System Admin Event Calendar Grievances Alumni Change Password Logout

Left Menu

- Administration
 - Student Record
 - Student Data
 - Student - Mass Update
 - Certificates
 - Attendance
 - Competitions Performance
 - Medical Record
 - Student Transfer In
 - Additional Subjects
 - First/Second Language
- Examination
- Registers & Result Analysis
- Accounts
- Procurement
- Stock And Asset
- Staff
- Teachers Diary & Lesson Plan
- Library
- Communication
- Transport
- Reports

Home Staff Record Student Data

Enter any Or all of the search criteria to Search Student(s).

Retrieve Students for Class: VI Section: A Session: 2013-2014

Student Name: Admission#: Record Inclusion: Exclude Leftout

Search Students Add New Student

STUDENT NAME	ADM. NO	CLASS	SECTION	ROLL NO.	DATE OF BIRTH	SEX	Parent Category	Cast	EDIT	Del
अनिता कुमारी सेन	310	VI	A	1	1/1/1900 12:00:00 AM	F		OBC	Update	Delete
गोविन्द राम जागीर	311	VI	A	2	1/1/1990 12:00:00 AM	M		OBC	Update	Delete
मुकेश कुमार कीर	312	VI	A	3	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
ओमप्रकाश बागरिया	313	VI	A	4	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
प्रधान श्रील	314	VI	A	5	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
राम नारायण बागरिया	315	VI	A	6	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
राकेश कीर	316	VI	A	7	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
सुरजान बेवा	317	VI	A	8	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
सुरज बागरिया	318	VI	A	9	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
सुरेश गुर्जर	319	VI	A	10	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
मुनीता बागरिया	320	VI	A	11	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
कुमारी सुरजान जाट	321	VI	A	12	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
अंजु कुमारी माली	322	VI	A	13	1/1/1900 12:00:00 AM	F		OBC	Update	Delete
देव मुरारी गुर्जर	323	VI	A	14	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
हनुमान प्रसाद कीर	324	VI	A	15	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
सुरेन्द्र कुमार कीर	325	VI	A	16	1/1/2013 12:00:00 AM	M		OBC	Update	Delete
राजाराम कुम्हार	326	VI	A	17	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
सुमन कुमारी कीर	333	VI	A	18	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
कुमारी लाली माली	332	VI	A	19	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
रामनिवास माली	331	VI	A	20	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
लोकेश दाकर	330	VI	A	21	1/1/1900 12:00:00 AM	M		OBC	Update	Delete
रबीदा बेगम	329	VI	A	22	1/1/1900 12:00:00 AM	F		OBC	Update	Delete

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Staff Attendance

G.S.S Lallai

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WIZ - G.S.S Lallai शिक्षा - सत्र : 2013-2014 लॉग इन : System Admin इवेंट कैलेंडर शिकायत पूर्व छात्र पासवर्ड परिवर्तित लॉगआउट

वर्षा मेनु

- एडमिनिस्ट्रेशन
- स्टूडेंट मॉड्यूल
- इम्प्लेमेंटेशन
- रजिस्टर रजुल्ट एनालिसिस
- एकाउंट
- प्रोक्विमेंट
- स्टॉक और एसेट
- कर्मचारी रिकॉर्ड
 - स्टाफ का रिकॉर्ड
 - श्रेणी शिक्षक सेटअप
 - स्टाफ विवर
 - कर्मचारी उपस्थिति
 - कर्मचारी उपस्थिति रिकॉर्ड
 - स्वीकृत छुट्टी संतुलन
 - प्रारंभिक छुट्टी
 - छुट्टी के आवेदन
- शिक्षक की डायरी और सबक योजना
- पुस्तकालय
- संचार
- परिवहन
- रिपोर्ट

चर्चा मेनु

कर्मचारी उपस्थिति

तारीख 15/01/2014 स्थिति In खोजें

उपस्थिति

परिवर्तन सहजें

	कर्मचारी का नाम	वर्तमान. ?	समय
1	श्री मुरारी लाल मीना	Yes	10:30 AM
2	श्री चन्द्र प्रकाश सुबालका	Yes	10:30 AM
3	श्री सत्यनारायण बैशनब	Yes	10:30 AM
4	श्रीमती ममता चौधुरी	Yes	10:30 AM
5	श्री सुमेर सिंह राठोड	Yes	10:30 AM
6	श्री राजेंद्र प्रसाद गग	Yes	10:30 AM
7	श्री महेंद्र सिंह पवार	Yes	10:30 AM
8	नाथुलाल कुम्हार	Yes	10:30 AM
9	बन्नालाल जाट	Yes	10:30 AM
10	सीताराम कुमावत	Yes	10:30 AM
11	नवीन चौधरी	Yes	10:30 AM
12	मुकेश कुमार शर्मा	Yes	10:30 AM

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Timetable

G.S.S Lallai

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WIZ - G.S.S Lallai शिक्षा - सत्र : 2013-2014 लॉग इन : System Admin इवेंट कैलेंडर शिक्षा पत्र पूर्व छात्र पासवर्ड परिवर्तित लॉगआउट

वर्षा में चर्चा में कर्मचारी उपस्थिति समय सारिणी

चयनित कक्षा और श्राव्य के लिए समय सारिणी सेटअप करें।

कक्षा VI भाग A काल 2013-2014 पुनर्प्राप्त करें।

आप का किया संपन्न्या होने पर पृष्ठ के तल पर सहेजें बटन पर क्लिक करना मद्दत भूलिये।

	सोमवार	मंगलवार	बुधवार	बृहस्पतिवार	शुक्रवार	शनिवार
1st	नाथुलाल कम्हार[SANC,15/1/2014,6]	नाथुलाल कम्हार[SANC,15/1/2014,6]	नाथुलाल कम्हार[SANC,15/1/2014,6]	नाथुलाल कम्हार[SANC,15/1/2014,6]	नाथुलाल कम्हार[SANC,15/1/2014,6]	नाथुलाल कम्हार[SANC,15/1/2014,6]
2nd	नबीन चौधरी[SCST,15/1/2014,6]	नबीन चौधरी[SCST,15/1/2014,6]	नबीन चौधरी[SCST,15/1/2014,6]	नबीन चौधरी[SCST,15/1/2014,6]	नबीन चौधरी[SCST,15/1/2014,6]	नबीन चौधरी[SCST,15/1/2014,6]
3rd	बन्नालाल जाट[SCI,1/3/2015,8]	बन्नालाल जाट[SCI,1/3/2015,8]	बन्नालाल जाट[SCI,1/3/2015,8]	बन्नालाल जाट[SCI,1/3/2015,8]	बन्नालाल जाट[SCI,1/3/2015,8]	बन्नालाल जाट[SCI,1/3/2015,8]
4th	सीताराम कमावत[MATH,15/1/2014,6]	सीताराम कमावत[MATH,15/1/2014,6]	सीताराम कमावत[MATH,15/1/2014,6]	सीताराम कमावत[MATH,15/1/2014,6]	सीताराम कमावत[MATH,15/1/2014,6]	सीताराम कमावत[MATH,15/1/2014,6]
5th	बन्नालाल जाट[ENGL,1/3/2015,6]	बन्नालाल जाट[ENGL,1/3/2015,6]	बन्नालाल जाट[ENGL,1/3/2015,6]	बन्नालाल जाट[ENGL,1/3/2015,6]	बन्नालाल जाट[ENGL,1/3/2015,6]	बन्नालाल जाट[ENGL,1/3/2015,6]
6th	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]	श्री मुरारी लाल मीना[SCST,15/1/2014,6] नाथुलाल कम्हार[HIND,15/1/2014,6]
7th						
8th	नबीन	नबीन	नबीन	नबीन	नबीन	नबीन

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Student Attendance

G.S.S Lallai x

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WIZ - G.S.S Lallai शिक्षा - सत्र : 2013-2014

लॉग इन : System Admin इवेंट कैलेंडर लिंक अपल पूर्व छात्र पासवर्ड परिवर्तित लॉगआउट

वर्ग मंच स्कूलस्टिक मार्क्स एंट्री (सभी) उपस्थिति

☐ Consolidated Attendance (Term Wise)
 ☐ Single Attendance Daily
 ☐ Double Attendance Daily
 ☐ Period Attendance

Daily

कक्षा VI अनुभाग A Date: 15/01/2014

REG. NO.	Student Name	Roll	attendance
1 310	अनिता कुमारी सेन	601	Y
2 322	अंजू कुमारी माली	602	Y
3 323	देव मुगारी गुर्जर	603	Y
4 311	गोविन्द राम जागीर	604	Y
5 324	हनुमान प्रसाद कीर	605	Y
6 344	कंचन बैरवा	606	Y
7 335	खुशीराम कीर	607	Y
8 332	कुमारी लाली माली	608	Y
9 330	लोकेश टाकर	609	Y
10 312	मुकेश कुमार कीर	610	Y
11 313	ओमप्रकाश बागरिया	611	Y
12 314	प्रधान श्रील	612	Y
13 326	राजाराम कुम्हार	613	Y
14 316	राकेश कीर	614	Y
15 315	राम नारायण बागरिया	615	Y
16 331	रामनिवास माली	616	Y
17 329	रशीदा बेगम	617	Y
18 334	संजु कुमारी माली	618	Y
19 322	समन कुमारी कीर	619	Y

Save Attendance Records Save & Send SMS

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Marks Entry

G.S.S Lallai

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WIZ - G.S.S Lallai शिक्षा - सत्र : 2013-2014 लॉग इन : System Admin इवेंट कैलेंडर शिकायत पूर्व छात्र पासवर्ड परिवर्तित लॉगआउट

वर्क स्पेस स्कूल मैनेजमेंट स्कूल स्टाफ स्कूल छात्र स्कूल शिक्षक स्कूल अभिभावक स्कूल शिक्षक की डायरी और सबक योजना पुस्तकालय संचार परिवहन रिपोर्ट

चर्चा मंच स्कूल स्टाफ स्कूल छात्र स्कूल शिक्षक स्कूल अभिभावक

कक्षा VI भाग A परीक्षा पहला परीक्षण (लिखित) विषय अंग्रेजी काल 2013-2014 पुनर्प्राप्त करें! मार्क्स एंट्री अपलोड करें!

संरक्षण करें Full Marks for this exam subject is 5 निशान परी के लिए यहाँ क्लिक करें!

रोल	छात्र का नाम	प्रवेश संख्या	प्राप्त अंकों
1	601	अनिता कुमारी सेन	310
2	602	अंजू कुमारी माली	322
3	603	देव मुरारी गुर्जर	323
4	604	गोविन्द राम जागीर	311
5	605	हनुमान प्रसाद कीर	324
6	606	कंचन बैरवा	344
7	607	खुशीराम कीर	335
8	608	कुमारी लाली माली	332
9	609	लोकेश दाकर	330
10	610	मुकेश कुमार कीर	312
11	611	ओमप्रकाश बागरिया	313
12	612	प्रधान श्रील	314
13	613	राजश्याम कुन्हा	326
14	614	राकेश कीर	316
15	615	राम नारायण बागरिया	315
16	616	रामनिवास माली	331
17	617	रशीदा बेगम	329
18	618	संजू कुमारी माली	334
19	619	सुमन कुमारी कीर	333
20	620	सनीता बागरिया	320

Page 1 of 1

Displaying 1 - 27 of 27

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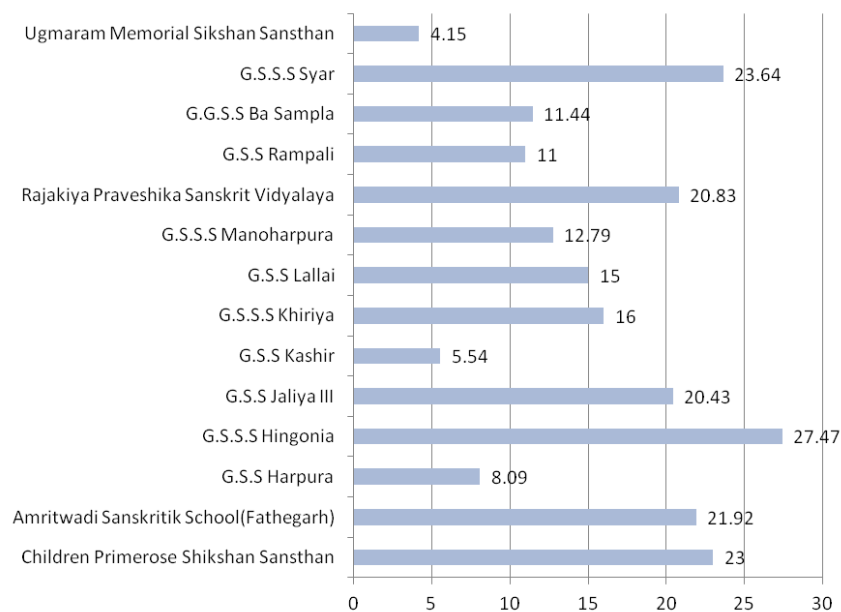
9. Dashboard – ATSI

The following are a few dashboards generated in the ATSI solution:

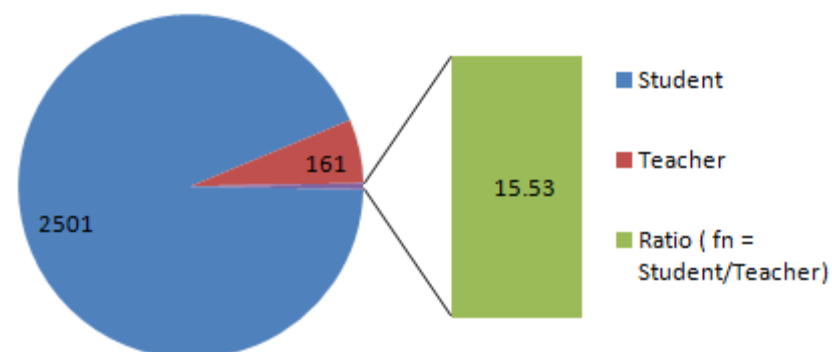
Teacher Pupil ratio

Purpose – The purpose of this report is to capture the Teacher student ratio of the schools. Ratio is the function of (Total Number of Students / Total Number of teachers). Lower the ratio, better the teaching quality.

School wise Teacher Pupil ratio



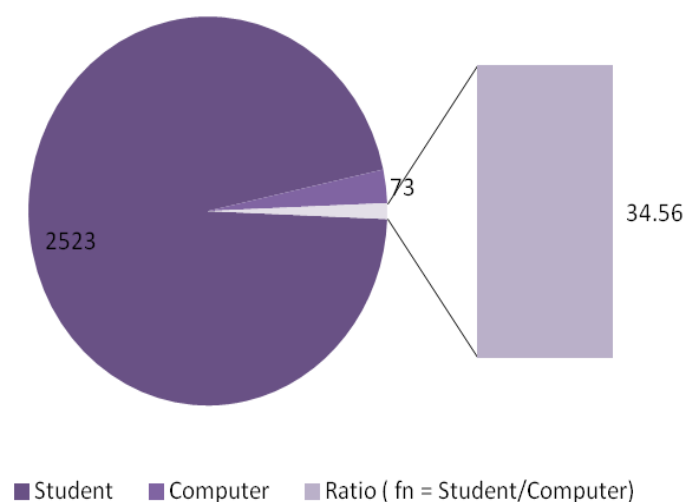
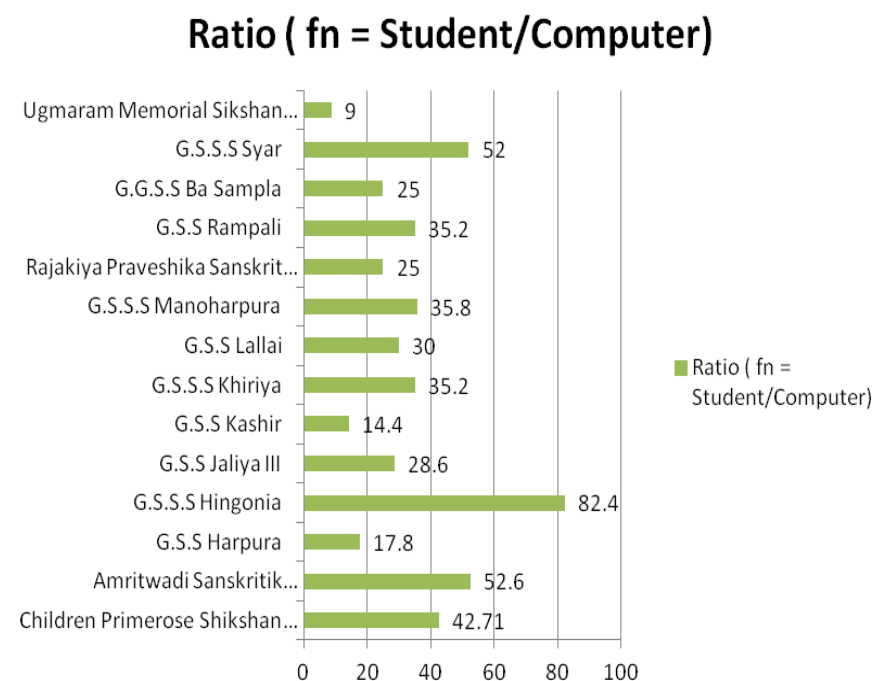
Overall–



Computer Student ratio

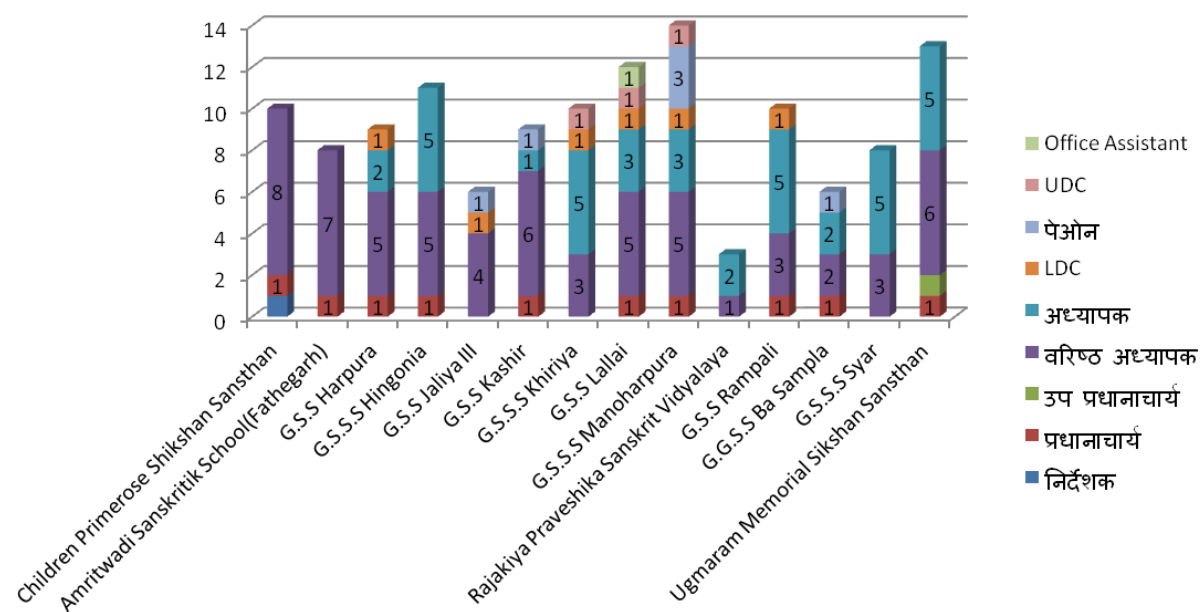
Purpose – The purpose of this report is to identify the most recent student computer ratio. Ratio is the function of (number of students / number of computers). Lower ratio is desired.

School wise Teacher Computer ratio



Designation wise Staff Distribution

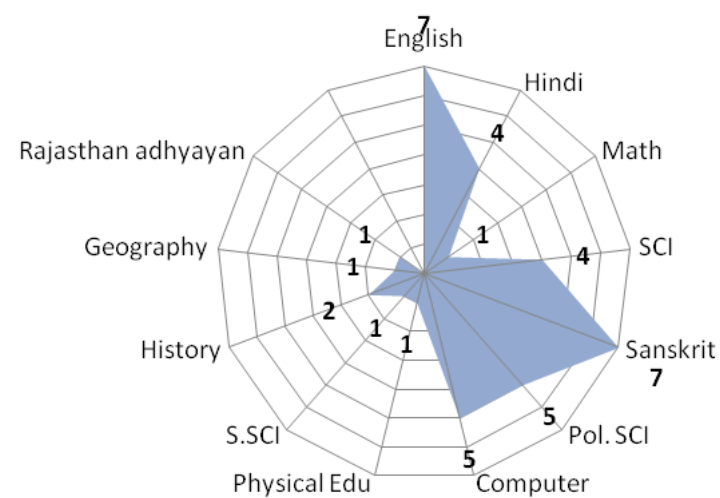
Purpose – The dashboard depicts the designation wise staff distribution for the schools -



Subject Teacher Deficits -

Purpose – The “Subject - Teacher Gap” dashboard represents the number of the subject teacher deficits against the requirement.

Overall –



Administrative Dashboards

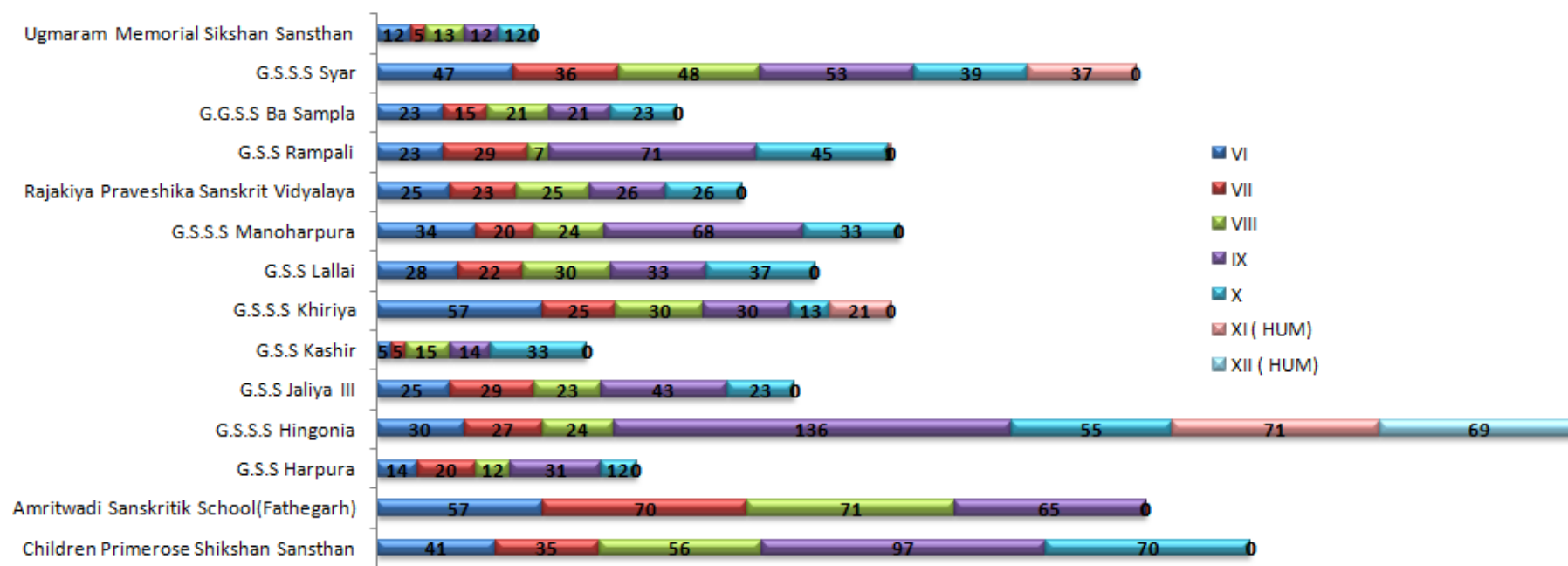
This section of the report captures various dashboards pertaining to the administrative functioning of the schools at individual and cumulative levels. Infrastructure dashboards capture the analysis of the following areas -

- Enrollment – Class wise
- Enrollment - Gender wise
- Student Attendance – Class wise
- Teacher Attendance

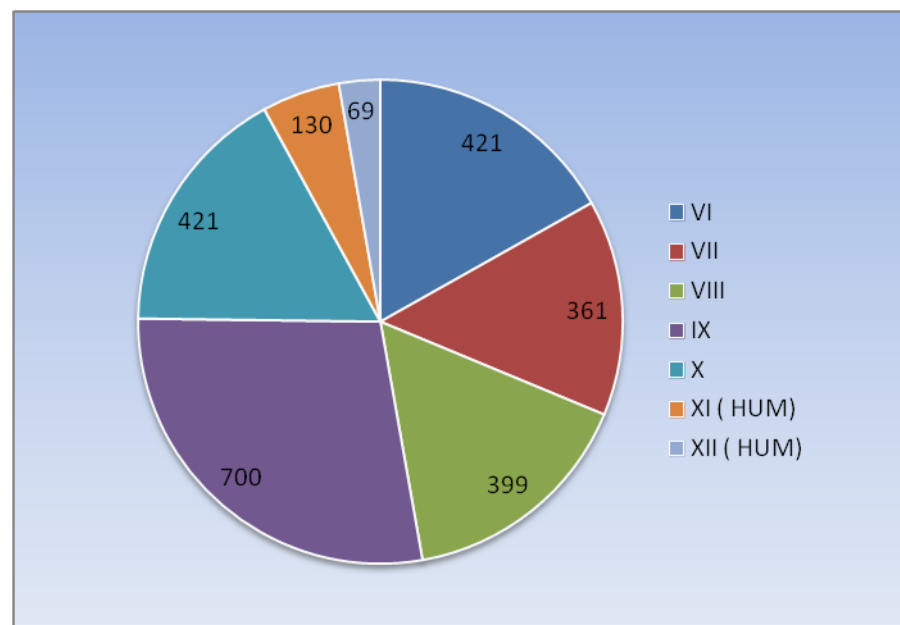
Enrollment – Class wise

Purpose – The purpose of the dashboard is to depict the Computer literacy of the teachers. Literacy ratio = (Number of Computer literate teachers) / (Total number of teachers). Desired ratio is 1. Higher the ratio better.

A. School wise Student Enrollment

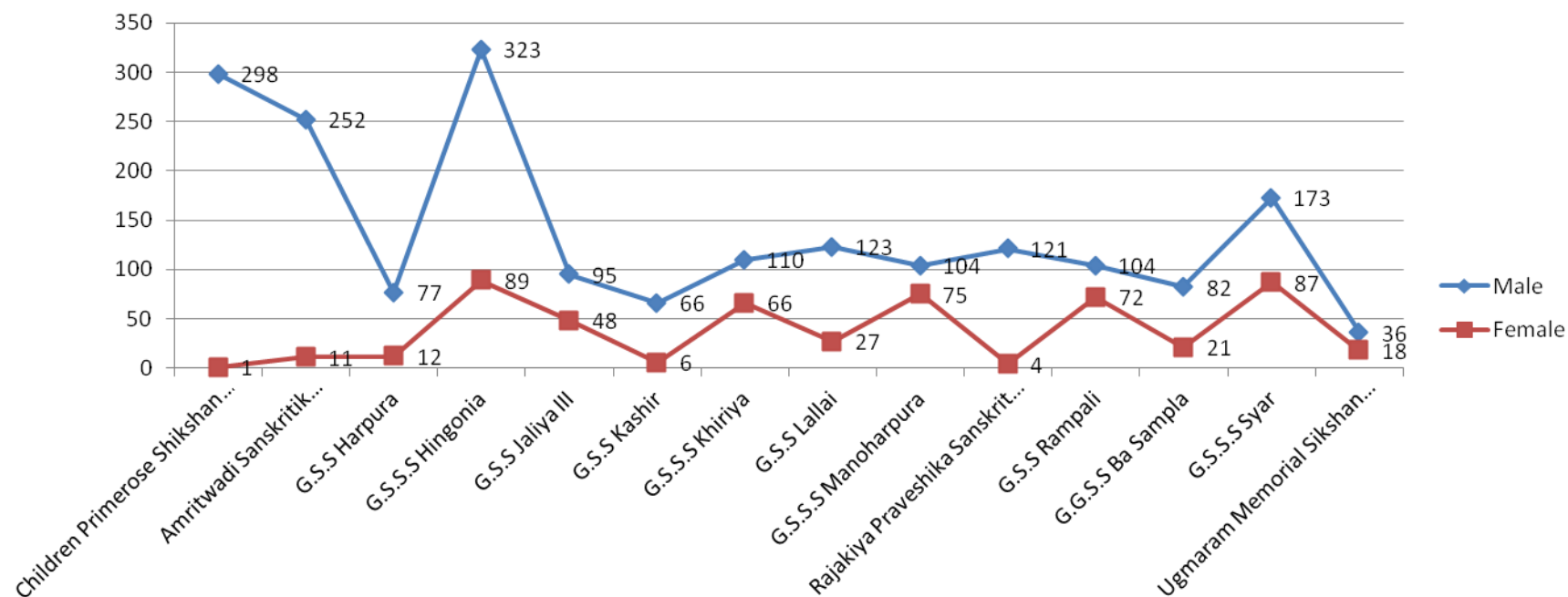


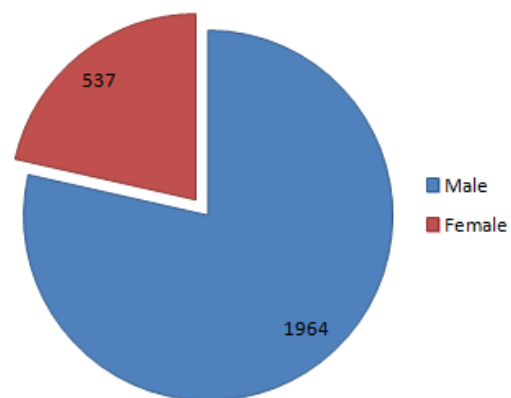
Overall –



Enrollment - Gender wise

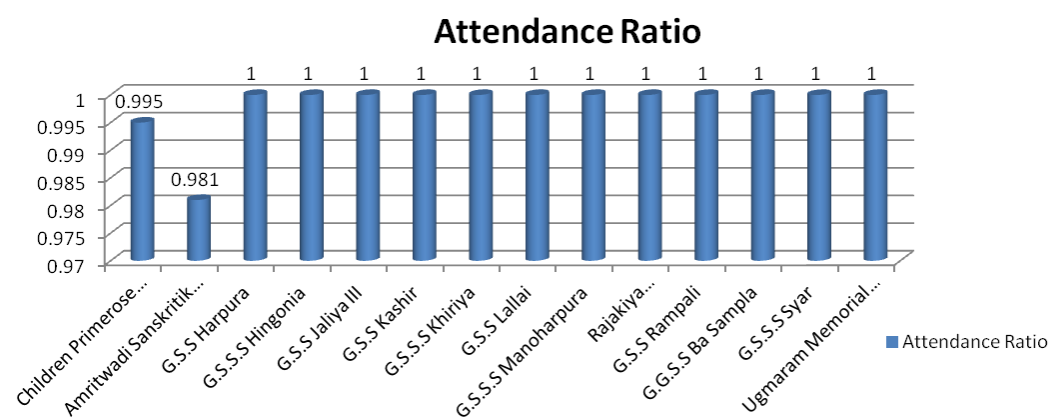
Purpose – The purpose of the dashboard is to depict the gender wise enrollment for schools and cumulative overall.



Overall -

Staff Attendance for Dec 2013

Purpose – The dashboard depicts the staff attendance ratio. Attendance Ratio = total attendance / # of working days * total # of staff)



10. Learnings and Suggestions

1. So far, only one person per academy has been trained into the use of software. Going forward we should strive to train all the teaching staff to be able to use the software and to access online content.
2. Teacher training to be reoriented towards use of improved methods of teaching using technology. Refresher courses to be conducted for teachers on regular intervals.
3. Electricity to be made available in all the schools to ensure efficient and uninterrupted use of technology.
4. Improve the supply of Internet to increase efficiency. It is still intermittent and cannot be accessed on a regular basis.
5. Sufficient number of computers in the lab so that teachers can enter their marks on regular basis and generate digital report cards.
6. Senior students to be encouraged to use the Internet to access content during school hours.
7. Lab/library should be open to students even after school hours for them to get the required information from the net.
8. Integrate the platform to provide academic content. This will enable us to scale up to distributing digital and relevant content to the schools. State can record lectures of the better teachers in the State and make them available to other schools through Web Conferencing.
9. Introduce web conferencing as a pilot in the schools. This will help us relay information / telecast to multiple schools at the same time at marginal costs as compared to VSAT.
10. One data card per school to be given in the safe keeping of the Principal so that emergencies can be handled.
11. There is no UDC/LDC/Office Assistance for some of the schools. Some of the operational data entry (e.g., Staff Attendance etc) should be undertaken by UDC/LDC/Office Assistance. Support team and teachers are doing it currently. But this can be the process moving ahead as this is not expected from teaching staffs and may impact on the motivation.
12. Lessons Plans should be made compulsory to be fed into the software.
13. It will be good to know the reports that the administrators would like to access as then the dashboard can be customized accordingly.

11. Conclusion

While non-availability of computer-literate teachers, lack of UDC/LDC/Office Assistance for some of the schools for carrying out operational data entry (e.g., Staff Attendance etc), connectivity and power were the challenges on the ground, the introduction of applications in schools has resulted in bringing about a change in an old administrative process to a new one. Teachers and school administrators have enthusiastically adopted the new system as it helped them to make their operation processes more efficient and smooth and gave them access to their data at a click.

The PoC has successfully demonstrated the feasibility of implementation of the services proposed as part of the School Education MMP and the potential utility of such services to the end stakeholders.