

CENTRE FOR INNOVATIONS IN PUBLIC SYSTEMS (CIPS)

(An Autonomous Organization Funded by Government of India)



Report of the

Two Day Sensitization Workshop on Education MMP

“Capacity Building Programmes of Innovative Best Practices
Under MMPs of State Governments and Govt. of India”

SHAALA DARPAN **(MMP IN EDUCATION PROJECT)**

July 17 & 18, 2014

Rajasthan Institute of Public Administration, Jaipur, Rajasthan

Organised by:

Centre for Innovations in Public Systems, Hyderabad

With Financial Support from:

NeGP, Department of Electronics and Information Technology (DeitY),
Government of India with Ministry of Human Resources Development, GoI

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**Centre for Innovations
in Public Systems (CIPS)**

***"Technology won't replace teachers,
but teachers who use technology
will probably replace teachers who don't"***

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1. Overview

The first workshop on '**Capacity building programmes of innovative best practices**' of **Shaala Darpan SE MMP** for two states (Himachal Pradesh & Rajasthan) was organised by the Centre for Innovations in Public Systems (CIPS) with financial support from **Department of Electronics and Information Technology(DeitY), GoI**, under the grant entitled "Capacity Building Programmes for Innovative Best Practices for Mission Mode Project (MMPs) of State and Govt. of India" as part of the National e-Governance Plan.

In line with the first key objective of the MMP Capacity Building Project, i.e. ***"Provide a Platform for Cross-Fertilization of Ideas/Innovative Practices and to Share Experience of State/UTs in the Area/Usage of Information and Communication Technology (ICT) for Greater Service Delivery"***, CIPS partnered with Ministry of Human Resources Development (MHRD) and State Education Departments in fulfilling this objective. Being a new Mission Mode Project under the NeGP, School Education is at the Request for Proposal Development Stage. The MHRD team felt that consultations to share the initial ideas and formats required to fast track the implementation, and take inputs/feedback on the design was critical to ensure the success of the MMP.

Aimed at fulfilling this twin objective, the Sensitization workshop was organised as a two day event, held in partnership with Department of School Education, Ministry of Human Resources Development, Government of India, Rajasthan Education Department, Government of Rajasthan and Himachal Pradesh Department of Education, Government of Himachal Pradesh.

The Sensitization workshop was held at Rajasthan Institute of Public Administration, Jaipur (Rajasthan) on the 17th & 18th July 2014. The workshop was the first of the two consultations planned with MHRD, and designed to create a platform for stakeholder consultations with four pilot States, to gather inputs into the design of the Mission Mode Project being initiated by focused to improve School Management Services.

The key stakeholders (Students, Parents and Communities) identified for this phase of the MMP involves digitization and automation of Students'/Schools' Performance with the utilisation of readily available software applications, mobile technology and SMS alerts.

- 1.1 Two states, viz., **Himachal Pradesh and Rajasthan** participated as per invitation of the organisers. A total of around 100 participants were present in the workshop.
- 1.2 Major outcomes/Action Plan of workshop is placed at **Annexure I**.
- 1.3 The list of the participants is placed at **Annexure II**.
- 1.4 The workshop schedule is placed at **Annexure III**.

2.

Objective of the Two Days Sensitization Workshop on MMP in Education

1. To provide a platform for cross-fertilization of ideas/ innovative practices
2. To share experiences of the States/UTs in the area/usage of ICT for greater service delivery
3. To seek inputs from the key stakeholders on the design of the MMP
4. To appraise the participants of importance of planning and readiness, quality assurance of data, and citizen engagement to move from ICT enablement to e-Governance
5. To share the broad objectives of the initiatives of e-Governance and appraise them of the Best Practices in Other States pertaining to School Education. **(Three Best Practices were shared – MPOnline, Quality Assurance Project of Karnataka, and ICT@Schools in Kerala)**
6. To strengthen the capacity of the Principals, Headmasters, School Management Development Committee (SMDC) members and Community Leaders for an effective use of Information and Communication Technologies (ICTs) in the School Management system.
7. Showcase best practices from other States that will inform the **design of MMP in School Education, which is in the designing of Request for Proposal (RFP) stage.**

Specific Objectives of the Shaala Darpan Programme

MHRD has outlined the following specific objectives of the Shaala Darpan Programme which is the first phase of the Education Mission Mode Project:

- ❖ Enable improvement in quality of learning
- ❖ Improve efficiency of school administration and governance of schools
- ❖ Improve service delivery of school education departments to the keystakeholders including students, parents, community, teachers, and schools
- ❖ Access to near real-time and better quality data for decision support
- ❖ Adapt best practices from other States to inform and design the MMP in the larger context

3. Workshop Design and Programme

Profile of Participants

A cross section of academic community representing several schools of Rajasthan and Himachal Pradesh, policy makers, technical support agencies, and experts participated in the workshop. Those present included Director MHRD, Principal Secretary (State), State Project Directors (SPDs), ICT Officers, Technical Support Group (TSG) Consultants (RMSA), Director CIPS and their representatives, as well as experts from other States. The participants (Principals/SMDC members) represented the various districts of Himachal Pradesh and Rajasthan.

Engaging Participants in Feedback on Technical Design of the Digitization Process

The workshop was designed to share the first iteration of the collection of the school data and digitization of school records process. The consultation was designed to provide practical insights to the challenges and capacity mapping of school faculty, resources required and planning the initial phase of the MMP design. The RFP for the Shaala Darpan programme is currently underway (being undertaken by NISG on behalf of MHRD).

The workshop engaged with the participants to explain the technical process, demonstrate the tool, and seek specific inputs for its improvement. The participants also worked together to prepare implementation plans keeping in mind the mission mode target dates, and to map the examination duties and holidays, and to abide by the overall deadline of January 2015 for the stage I of the digitization of school records, as targeted by MHRD.

Further, the workshop was designed to prepare a set of Teachers, Community Leaders and Principals who could serve as Trained Mentors/ Trainers for further capacity building across all the schools in the States covered.

MMP in School Education is likely to cover the States of Tamil Nadu, Gujarat, Himachal Pradesh and Rajasthan in the pilot phase of implementation.

Creating a Participatory Implementation Plan

The workshop was designed to provide an insight into the process of participatory implementation plan involving the participants to work in groups along with various stakeholders and present a well thought out implementation plan, keeping in line with the expected timelines of the project implementation schedules proposed by MHRD. These plans would also inform MHRD on how to take the process forward.

4.

Showcasing Innovative and Best Practices in School Education

Three Innovative Best Practices in School Education was shared with the participants. These included:

- ❖ Presentation of ICT@Schools in Kerala and the level of achievement of the use of ICTs for teaching/learning, improvements in core infrastructure at school level, including band - width access and use of institutional mechanism for ongoing IT support through ITIs were described.
- ❖ Presentation on Quality Assurance Framework Project in Karnataka to understand the benchmark and assurance processes
- ❖ The Madhya Pradesh Education Portal

5.

Setting the Agenda and MHRD Perspectives

The inaugural ceremony began with the welcome address by the Director (MHRD), **Ms Caralyn K Deshmukh**. She discussed the key points of the programme for the two days, various strategies for achieving the goals, planning and monitoring of activities to ensure proper implementation of ICT at schools.

- ❖ She briefed the participants about the importance of their role in the successful roll out of 'Shaala Darpan' by the timeline of January 2015. She emphasised on the need of parents and teachers to work as a team to build the future of students and consequently the future of our nation. The communication between parents and teachers through school management system is of utmost necessity and utilising the reliable resource of Information and Communication Technology already available at schools under the project IT@Schools to deliver services. She further explained the role of CIPS, Hyderabad and NISG, Hyderabad and their contribution for the successful implementation of the project.
- ❖ The presence of Principal Secretary Education to the Govt. of Rajasthan Mr. P. K. Goyal, Director CIPS Mr. Chakrapani, Mr. Anoop Khinchi (SPD, RMSA Rajasthan), Mr. Rajiv Mehra and Mr. Shailendar Sharma (TCA), Members of SDMC and Principals/Headmasters along with community leaders of H.P. and Rajasthan made the event special and reflected their commitment for successful rolling out of this ambitious project.

6.

CIPS : Outlining the Capacity Building Programmes on Best Practices in MMPs

Mr. D. Chakrapani, Director, CIPS, Hyderabad thanked the Director, Principal Secretary, State Project Director (SPD), TSG members and the participants. He outlined the concept of creating an Ecosystem of Innovations through capacity building and knowledge sharing. He explained the following key points:

- ❖ Importance of ICT in schools for empowerment of teachers and students
- ❖ Advantage of mails and SMS in daily life
- ❖ Other MMP projects and their respective advantages (especially health and education related)
- ❖ Achievements of Kerala and Tamil Nadu in the field of ICT
- ❖ Purpose of Young Interns Programme

Mr. P K Goyal, Principal Secretary (Education) to the Government of Rajasthan, expressed his gratitude for inviting him on this occasion. He shared the Education Initiatives and experience of Rajasthan in use of ICT at schools. He explained how so far **6500 schools are covered under ICT schemes in Rajasthan** and now the plan is to add **2500 more schools** under the same scheme. He also mentioned the announcement of Government of Rajasthan's announcement of opening a senior secondary school in every Gram Panchayat (especially to promote girl's education) and the Model schools in EBBs was in the planning. They are also making strategy to resolve the problem of shortage of teachers in the schools.

7.

Technical Session I: Best Practices in e-Governance of Schools

Mr. Gaurav Dubey, Buzzyears, shared his experience related to Pilot Testing of e-Governance programme in Ajmer block in about 28 schools. Implementing **e-Governance** in education system and identifying issues and challenges along with inputs from Principals of Schools in Ajmer while giving proof of concept. He explained following Challenges/Solutions during the ICT implementation (Arain Block Ajmer **Oct' 13 - Dec' 13**):

| | Challenges | Solutions |
|------------------------|---|--|
| Data Connection | Data was not available in soft copies, it was in registers. | Took pictures from phone, scanned registers and send it to the backend team to prepare data. |
| | Schools were not keeping records of cell phone numbers of parents. | School collected this data from the Parents after our meeting. |
| | Curriculum Data and Lesson Plans were not defined | Worked with schools to create Curriculum Data |
| | There were no definite lesson plans or scheme for delivering curriculum in classes. It was different in different schools | Worked with Teachers to prepare their daily lesson plans |
| | Data was in Hindi/English format | Provided Software in English/Hindi Language |
| Connectivity | Connectivity problem in all the Schools | We talked with ERNET and helped schools to get internet connectivity in their schools. |

He also explained the benefits/outcomes of School Management Software as below:

- ❖ School Management application works like a "profile" application that stores all school related information such as "school address, contact details, school website, keeping a records of holidays/events and provide a place where school can store any relevant documents
- ❖ This application allows school to keep a track of all the student records such as their name, class, section, contact details, parent details etc.
- ❖ Software allows schools to export data in excel or in Pdf format.
- ❖ Gave Solution to all 14 Schools to mark students' attendance in an advanced platform rather than marking Attendance in an Assembly and on Registers.
- ❖ Curriculum Management application to maintaining a track of subject wise curriculum for all classes of the school.

- ❖ 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.
- ❖ Dashboards allows management and organisation users to monitor their school performances at a glance. **(Copy of Presentation at Annexure-IV)**

Mr. Rajiv Mehra, Chief Consultant MIS, TSG, mentioned the importance of Digitalization format under Shaala Darpan for school data management. He highlighted the following key points:

- ❖ Need of digitization in school data management
- ❖ Outline the work plan for digitization
- ❖ Methods to capture data for the format
- ❖ Timelines for data capturing
- ❖ Difference between DCF and new digitalization format (under ShaalaDarpan) i.e. data which are not available in U-DISE
- ❖ Described in detail various fields in the data input formats

He also explained about the data sources for digitalization format as given below:

- ❖ **Census code from Census 2011 for village identification**
(<http://censusindia.gov.in/2011census/Listofvillage sandtowns.aspx>)
- ❖ **UDISE 2013-14**
- ❖ **Student Register**
- ❖ **Teacher Register**
- ❖ **Subject Wise Lesson Plan (Registers)**
- ❖ **Student Assessment Registers (Copy of Presentation at Annexure-V)**

Ms. Caralyn K Deshmukh, Director, MHRD, **Mr. Anoop Khinchi** (SPD, RMSA Rajasthan), **Mr. Rajiv Mehra** and **Mr. Shailendar Sharma** (TCA) participated in Open Forum for Clarifications of Questions related to data entry in digitalization format.

8.

Technical Session II : Ensuring Success of Shaala Darpan

In this session group activity was facilitated by **Ms. Jayalakshmi Chittoor**, Senior Project Officer, CIPS, to outline the work plan for digitization, the current status, ownership and roles and responsibilities of various stakeholders. She proposed that the participants (Principals and SMDC Members) work in six groups to discuss their work plan to ensure success of Shaala Darpan.

Mr. Raj Kumar Sharma, Principal, from Himachal Pradesh, belonging to Group 2 said that they will start the work of digitization next week and capture data as explained in requisite format to be supplied by the state office and special care shall be taken for accurate data. They shall take help of IT savvy teachers to accomplish the task of digitization within one month.

Ms. Asha Soni, Principal, from Rajasthan, belonging to Group 1, also shared her experiences in already ongoing activity in this area and given word to complete the digitization within a month.

Mr. Ashwani Dhiman, Principal, from Himachal Pradesh, belonging to Group 3 explained that they are already capturing the mobile number of students which will also help in maintaining students record digitally. One group member also said that all the data are already available in the hard copies and soon they will convert it into requisite digital format.

Mr. Kedar Nath Parashar, Principal, from Rajasthan, belonging to Group 4, outlined the problems related to ICT untrained staff and internet connectivity in rural areas. He said to overcome this challenge they will provide proper training to their teachers and SMDC member. They will also take support from private organisation working in field of education. One group member also suggested using Integrated Human Resource Management System (IHRMS) for employee data management.

Mr. Dilip Karam Chandani, Principal, from Rajasthan, belonging to Group 5, said that information sharing is crucial to achieve success. He said that they have already captured the account number of students. He informed that he himself entered the data of teachers in pay manager at home because of poor internet connectivity in school. He also requested management to provide proper human resources for better achievements in educational field.



Mr. Mahesh Kumar Vyas, Principal, from Rajasthan, belonging to Group 6, suggested to involve UDC/LDC and other non-teaching staff in data entering process and SMDC member for data validation. He also informed that they have already designed software to store student data.

Ms. Renu Tiwari, SMDC Member, from Rajasthan said that the SMDC members are very active and working positively for the betterment of schools. She also said that they will be available all the time to meet the timelines of Shaala Darpan project.

Mr. V. D. Sharma, SMDC Member, from Himachal Pradesh, also suggested involving ministerial staff in data entry process for reducing the burden of teaching staff. He also appreciated the initiative of MHRD for ICT implementation at schools.

Mr. Rajesh Kumar, SMDC Member, from Himachal Pradesh, emphasised that the role of SMDC is very important in order to achieve success and requested all SMDC members to provide full support to the school principals for ICT implementation.

Mr. Rajendra Kumar Sharma, SMDC Member, from Rajasthan, discussed the issues related to unavailability of staff due to multiple job assignments to one single staff (same staff for teaching and for running the schemes such as Mid-Day Meal). He also requested management to hire efficient SMDC member.

Mr. Kishore Verma, SMDC Member, from Himachal Pradesh, said that we must involve our teachers, non-teaching and students for better ICT implementation. He said that if mobile facility is not available to parents belonging to a rural area, they can request to the head of Gram Panchayat to create a system for information distribution. He also informed that they are running multiple training programmes for teachers, students and SMDC members.

Mr. Ratan Lal Kabra, SMDC Member, from Rajasthan, said that we must take our responsibility seriously to produce positive output. He also informed about his various achievements in the educational field and how he converted it into the success of school.

9.

Technical Session III :

Functional Design of the Shaala Darpan Format

This session was facilitated by **Mr. Rajiv Mehra**, TSG RMSA and **Mr. Shailendar Sharma**, Technical Cooperation Agency, to define the role of Designated Principal/ Teacher/ ICT officer in the Functional Design of the Shaala Darpan digitalization formats. They also demonstrated how to fill the digitalization format. Following points were discussed during session:

- ❖ Roles and responsibility of Principals/Teachers/SMDC Members for the goal achievement
- ❖ Right procedure to fill the format
- ❖ Meta data standards of format (i.e. length of field and Data type)
- ❖ Data Validation by State / District (i.e. UDISE code of Schools, Subject Code, Mother Tongue, Sl.No. of a Teacher (Most Important), Class, Disability Type)
- ❖ Data Submission in .xls (Excel) format with the following certificate:
 - ☞ The Coding Values provided in the sheet is as per UDISE database
 - ☞ No. of record in each table / excel sheet
 - ☞ No. of School (for which data have been captured)
 - ☞ No. of Student (for which data have been captured)
 - ☞ Summary of Enrolment by Class / Social Category / Gender
 - ☞ No. of Teacher (for which data have been captured) **(Copy of Presentation at Annexure-VI)**

Ms. Caralyn K Deshmukh, Director, MHRD, **Mr. Anoop Khinchi** (SPD, Rajasthan), **Rajiv Mehra** and **Shailendar Sharma** (TCA) participated in Open Forum for Clarifications of Questions related to Functional Design of the Shaala Darpan Format.

10.

Technical Session IV : Presentation of Group Work Plans

In this session each group put up presentations of their work plan and roles and responsibilities.

Group 1: Key points of the presentation were

- ❖ Their plan to digitize the school data
- ❖ Confirming to time line for the purpose
- ❖ Special attention for supplying accurate data in confirmation to requisite format for digitization to be supplied next week.
- ❖ Expressed their commitment to achieve the target. **(Copy of Presentation at Annexure-VII)**

Group 2: Key points of the presentation were

- ❖ Their focus on eliminating the hurdles for the digitization of school data.
- ❖ Achieving the target in planned manner.
- ❖ Gave word to accomplish the task efficiently. **(Copy of Presentation at Annexure-VIII)**

Group 3: Key points of presentation were

- ❖ They stressed upon the need of school management system and committed to play their role up to expectations.
- ❖ They discussed their schedule of digitization of school data.
- ❖ They presented their plan to involve ministerial staff to accomplish the job on requisite format. **(Copy of Presentation at Annexure-IX)**

Group 4: Key points of presentation were

- ❖ They stressed upon the need of solution for problems for digitization of school data.
- ❖ They explained how they will handle these problems
- ❖ They gave their word to achieve the target within month overcoming all the problems for the success of project. **(Copy of Presentation at Annexure-X)**

Group 5: Key points of presentation were

- ❖ They presented a road map of their work plan for digitization of school data.
- ❖ They mentioned that already digitized data may be utilized for the purpose on requisite format.
- ❖ They expressed their confidence to complete the task in accordance with their road map. **(Copy of Presentation at Annexure-XI)**

Group 6: Key points of presentation were

- ❖ Their presentation was inspiring to all as they shared their experience of already digitized school data.
- ❖ They presented their plan to involve ministerial staff to accomplish the job on requisite format.
(Copy of Presentation at Annexure-XII)

11.

Technical Session V : Showcasing Best Practices of ICT in School Education – Lessons to Ensure Success of Shaala Darpan

Ms. Parkavi Kumar, SPO, CIPS, presented on Quality in School Education i.e. How to assess quality and improve performance of schools by giving the example of Madhya Pradesh Education Portal and Karnataka School Quality Assessment and accreditation council.

She highlighted following key points:

- ❖ **MP Education Portal**
 - ☞ Improving the efficiency of school education department by
 - ☞ Integration of various education administrative units under one roof
 - ☞ Eliminating unnecessary paper work
 - ☞ Making real-time data available for public scrutiny
- ❖ **Karnataka School Quality Assessment and Accreditation Council**
 - ☞ Improving the quality of schools, school administration, teaching and learning
 - ☞ Defining the quality levels required in schools
 - ☞ Listing the attributes
 - ☞ Providing the weightage based on the priority areas of the state
 - ☞ Assessment of where each school stands
 - ☞ Devise a plan for step-wise improvement
 - ☞ Recognition **(Copy of Presentation at Annexure-XIII)**

Mr. Babu Sebastian, ED, IT@Schools, Thiruvananthapuram, Kerala presented on Innovative Practices in Kerala IT@Schools. He described the three major contribution of ICT:

❖ **ICT for Learning**

- ☞ Personalized Learning of Students
- ☞ Teacher training

❖ **ICT for Administration**

- ☞ Education Department Administration

❖ **ICT for Governance**

- ☞ Planning, Budgeting, Monitoring & Evaluation of General Education Department with the support of ICT
- ☞ Video Conferencing facility from State Project office to District Headquarters for Monitoring & Evaluation
- ☞ DRCMS – Online accounting & finance Management system
- ☞ TMS – Online Training Management System **(Copy of Presentation at Annexure-XIV)**

Dr. Vashima Shubha, NeGD, DeitY, New Delhi, welcomed all the participants. She said that this two days' workshop will widely benefit the states of Himachal Pradesh and Rajasthan. She explained the Importance of Good Governance for Efficient Management. She also said that *standards are already set by* states such as Tamil Nadu and Kerala and efforts must be made to ensure that the project is implemented in right earnest with all key stakeholders involving themselves intensely.

Mr. Omkar Singh, Director, Senior Secondary Education, Rajasthan, thanked the participants, organiser, State Project Director (SPD) and other officers of the Jaipur for making excellent arrangement and hospitality for the two days' workshop at Jaipur. He described the importance of Shaala Darpan and its benefits. He also said that they will solve teacher recruitment problem by filling the vacancy.

12. Technical Session VI : Technical Demonstration of Digitization Formats (hands on practice)

Mr. Shakti Bhushan, ICT Coordinator, RMSA, HP and **Mr. Rajiv Mehra**, RMSA TSG Facilitated the session on Technical Demonstration of Digitization Formats. The participants were also given hands-on training.

13. Valedictory Session

Mrs. Mamta Dadhich, Deputy Director, RMSA, Jaipur, thanked the participants, organisers, SPD and other officers of the Rajasthan Government for making excellent arrangements & hospitality for 2 days workshop at Jaipur. She also stated that the progress of this workshop will be helpful to the participants at grass root level. **Mr. Shakti Bhushan**, Nodal Officer, HP, thanked organizers for the arrangements. **Ms. Pooja Verma**, extended thanks on behalf of the MHRD and TSG for the arrangement made by the CIPS and RIPA, Rajasthan. Participation Certificates were distributed to all participants. The workshop ended with vote of thanks by Ms. Jayalakshmi Chittoor, CIPS.

14. Lessons and Way Forward

The workshop provided an opportunity to receive inputs about the MMP being implemented in Education. Best Practices were able to inform the participants about visualisation. Planning tools for systematic interventions and exposure to the four pillars of e-Governance were communicated to all the participants. The linkage between what a school does, and the national level e-Governance Plan was succinctly communicated by NeGD representative. The context of the scale of capacity building required to ensure quality data for successful e-Governance MMP in Education was emphasised and this sensitization programme provided the framework for Train the Trainers for all the 6500 schools of Rajasthan and 1200 Schools of HP that will be covered under the MMP. These will be undertaken by the respective State Education Departments, and thus institutionalising the sensitization programmes.

15. Key Outcomes of Workshop

- ❖ All the participants have been trained and made fully aware of digitalization format.
- ❖ Capacity building programme has made the participants (Principals/Teachers/SMDC Members) responsive about their role for the ICT implementation.
- ❖ They were provided hands on training on the digitization while taking their inputs for implementation scheduling
- ❖ The Education Departments of Rajasthan and Himachal Pradesh were exposed to Best Practices showcasing and inputs were obtained by MHRD on how to adapt these in the design of the RFP
- ❖ Participants were encouraged to think of the impending challenges in timely completion of the tasks and were provided with insights on the MMP
- ❖ Materials regarding National e-Governance Plan, MMP in School Education and aspects of e-Governance like citizen centricity, use of mobiles and SMS to reach citizens were shared which enabled the participants to see the context of the workshop with the overall national e-Governance goals.



**Centre for Innovations
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Annexures

Annexure I :

Major Outcomes/Action Plan of Shaala Darpan Workshop

Major outcomes/Action Plan of Shaala Darpan Workshop

Suggestions on the Draft Digitization Format:

- ❖ Replace “date of admission” with “date of registration” in student data form.
- ❖ Addition of scholarship field in student data form.
- ❖ Addition of extra fields/columns for state specific requirements
- ❖ Addition of school calendar to capture details such as holidays, breaks, and important school dates, etc.

Action Plan

- ❖ **At School level:**
 - ☞ Meeting with teaching, non-teaching and other ministerial staff for ICT implementation planning
 - ☞ Proper arrangement of resources (Manpower, Electricity, Computers, Internet etc.)
 - ☞ Gathering all the data available in U-DISE and student details from school record.
 - ☞ Collect lesson plan from subject teacher
 - ☞ Data Collection relating to assignments
 - ☞ Data verification and data validation
 - ☞ Submission of digital data to district
- ❖ **At District level**
 - ☞ Meeting with Principals, SMDC Members and other stakeholders for planning and monitoring of activities to ensure proper implementation of ICT at schools.
 - ☞ Providing details related to U-DISE, Census and other information needed by schools.
 - ☞ Monitoring of all the schools
 - ☞ Collection of digitalization format from all the schools
 - ☞ Compilation of data at district level
 - ☞ Submission of digital data to State

❖ **At State level**

- ☞ Meeting with state representatives (SPDs), ICT officer, MIS consultant and other authorised person to set guidelines and time lines to meet the targets of Shaala Darpan.
- ☞ Collection of digitalization format from all the districts
- ☞ Compilation of data at state level
- ☞ Submission of digital data to MHRD

❖ **At MHRD and TSG level**

- ☞ Coordinate with all 4 pilot states
- ☞ Monitoring of all 4 pilot states
- ☞ Resolve the queries related to digitalization format
- ☞ Daily feedback from states/districts/schools
- ☞ Compilation of data at national level

**Annexure II :
List of Participants**

List of Participants

1. Ms. Caralyn Deshmukh, Director, MHRD
2. Shri P. K. Goyal, Principal Secretary (Secondary Education), Govt. of Rajasthan
3. Mr. Anoop Khinchi, SPD, Rajasthan
4. Mr. D Chakrapani, Director, CIPS, Hyderabad
5. Dr. Vashima Shubha, DeitY, New Delhi
6. Mr Rajive Mehra, Chief Consultant, TSG
7. Ms. Pooja Verma, Senior Consultant, TSG
8. Mr. Shalendra Sharma, TCA
9. Mr. Gaurav Dubey, Buzzyears
10. Ms. Parkavi Kumar, SPO, CIPS
11. Mr. Babu Sebastian, ED, IT@Schools, Kerala

List of Participants (Rajasthan)

| | | | | |
|----|-----------|-------------|-------------------------|--------------------------------------|
| 1 | Rajasthan | Bhilwara | Sh. Abdul Shahid Sheikh | Principal |
| 2 | Rajasthan | Bhilwara | Mrs. Kalpana Sharma | Asstt. District Education Officer |
| 3 | Rajasthan | Bhilwara | Sh. Mahesh Vyas | Principal |
| 4 | Rajasthan | Bharatpur | Kedar Parashar | Principal |
| 5 | Rajasthan | Bharatpur | Dalvir Singh | Principal |
| 6 | Rajasthan | Hanumangarh | Manoj Arya | Principal |
| 7 | Rajasthan | Bikaner | Smt. Raksha Singh | Principal |
| 8 | Rajasthan | Churu | Kuldeep Vyas | Principal |
| 9 | Rajasthan | Jhunjhunu | Mrs. Durga Choudhary | Principal |
| 10 | Rajasthan | Jhunjhunu | Mrs. Santosh Sahu | Principal |
| 11 | Rajasthan | Jaipur | Dr. Seema Parashar | Principal |
| 12 | Rajasthan | Jaipur | Suresh Chandratray | Principal |
| 13 | Rajasthan | Jaipur | Shiv Ram Dubey | Principal |
| 14 | Rajasthan | Alwar | Kamlesh Yadav | Principal |
| 15 | Rajasthan | Alwar | Shubhash Yadav | Principal |
| 16 | Rajasthan | Jodhpur | Pratibha Sharma | Principal |
| 17 | Rajasthan | Jodhpur | Manju Kalla | Principal |
| 18 | Rajasthan | Pali | Dilip Karmchandani | Principal |
| 19 | Rajasthan | Pali | Mrs. Asha Soni | Principal |
| 20 | Rajasthan | Kota | Ranveer Singh | Asstt. Director |
| 21 | Rajasthan | Kota | Anirudh Sharma | Principal |

| | | | | |
|----|-----------|-------------|---------------------------------|-------------|
| 22 | Rajasthan | Banswara | Mrs. Shammey Firoz Batul Anjuum | Principal |
| 23 | Rajasthan | Banswara | Jaipdeep Purohit | Principal |
| 24 | Rajasthan | Udaipur | Pushpendra Sharma | Principal |
| 25 | Rajasthan | Bhilwara | Ratan Lal Kumawat | SMDC Member |
| 26 | Rajasthan | Bhilwara | Swarajsingh Sekhawat | SMDC Member |
| 27 | Rajasthan | Bhilwara | Ratan Lal Kabra | SMDC Member |
| 28 | Rajasthan | Bharatpur | Mavasi Ram Saini | SMDC Member |
| 29 | Rajasthan | Bharatpur | Nain Singh | SMDC Member |
| 30 | Rajasthan | Hanumangarh | Ramkumar | SMDC Member |
| 31 | Rajasthan | Bikaner | Smt. Poonam Jindal | SMDC Member |
| 32 | Rajasthan | Churu | Bhanu Prakash Sharma | SMDC Member |
| 33 | Rajasthan | Jhunjhunu | Smt. Aditi Bhambu | SMDC Member |
| 34 | Rajasthan | Jhunjhunu | Smt. Lalita | SMDC Member |
| 35 | Rajasthan | Jaipur | O. P. Rana | SMDC Member |
| 36 | Rajasthan | Jaipur | Suraj Mal Shara | SMDC Member |
| 37 | Rajasthan | Jaipur | Dr. Aftab Khan | SMDC Member |
| 38 | Rajasthan | Alwar | Dr. Aftab Khan | SMDC Member |
| 39 | Rajasthan | Alwar | Pawan Kumar | SMDC Member |
| 40 | Rajasthan | Jodhpur | Jitendra Kumar Shrimali | SMDC Member |
| 41 | Rajasthan | Jodhpur | Omprakash Lakskar | SMDC Member |
| 42 | Rajasthan | Pali | Paras Das Vesnav | SMDC Member |
| 43 | Rajasthan | Pali | Renu Tiwari | SMDC Member |

| | | | | |
|----|-----------|------------------------|-------------------------|--|
| 44 | Rajasthan | Kota | Kamlesh Kumar Sharma | SMDC Member |
| 45 | Rajasthan | Kota | Lekhraj Kasana | SMDC Member |
| 46 | Rajasthan | Banswara | Smt. Radhanagar | SMDC Member |
| 47 | Rajasthan | Banswara | Vinit Sukla | SMDC Member |
| 48 | Rajasthan | Udaipur | Iqbal Mohammad | SMDC Member |
| 49 | Rajasthan | Directorate Bikaner | Sh. Om Prakash Saraswat | Deputy Director, Secondary Education |
| 50 | Rajasthan | RCSE Jaipur | Mrs. Mamta Dadhich | Deputy Director, |
| 51 | Rajasthan | RCSE Jaipur | Dr. Balendra Singh | RMSA, Jaipur |
| 52 | Rajasthan | Directorate Bikaner | Pallav Mukherjee | Deputy Director, RMSA, Jaipur |
| 53 | Rajasthan | Jaipur | Pradeep Sheel | Jaipur-1, DEO, Secondary |
| 54 | Rajasthan | SawaiMadhopur | Shubhash Chandra Sharma | SawaiMadhopur, DEO, Secondary |
| 55 | Rajasthan | Bikaner | Sanjay Sanger | Bikaner, Block Elementary Education Officer |
| 56 | Rajasthan | Bikaner | Karni Dan Kachhawa | Bikaner, Acedemic Officer- Elementry Education |

List of Participants (Himachal Pradesh)

| | | | | |
|----|----|----------|------------------------|------------------------|
| 1 | HP | | Sh. Shakti Bhushan | ICT Coordinator (RMSA) |
| 2 | HP | Bilaspur | Sh. Raj Kumar Sharma | Principal |
| 3 | Hp | Bilaspur | Sh. Rajesh Kumar | Chairman SMDC |
| 4 | HP | Chamba | Sh. Than Singh | Principal |
| 5 | HP | Chamba | Sh. Khatri Lal | SMDC Chairman |
| 6 | HP | Hamirpur | Sh. Madan Lal | Principal |
| 7 | HP | Hamirpur | Sh Vijay Kumar | SMDC Member |
| 8 | HP | Hamirpur | Sh. Jagdish Kaushal | Principal |
| 9 | HP | Hamirpur | Sh. Ravinder Lakhanpal | Principal |
| 10 | HP | Kangra | Sh. Mool Raj | Principal |
| 11 | HP | Kangra | Sh. Ashwani Dhiman | Principal |
| 12 | HP | Kangra | Sh. Subhash Chand | SMDC Member |
| 13 | HP | Kangra | Sh. Om Paraksh | SMDC Member |
| 14 | HP | Kinnaur | Sh. Ashok Negi | Principal |
| 15 | HP | Kinnaur | Sh. C. R. Negi | Principal |
| 16 | HP | Kullu | Sh. SomDev | Principal |
| 17 | HP | Kullu | Sh. Pawan Thakur | SMDC Member |
| 18 | HP | Mandi | Sh. Ramesh Chand | Principal |
| 19 | HP | Mandi | Sh. B. R. Rana | Principal |
| 20 | HP | Shimla | Sh. Narpal Chauhan | Principal |
| 21 | HP | Shimla | Sh. Ashok Kumar | SMDC Member |
| 22 | HP | Shimla | Sh. Sanjay Kumar Mehta | Principal |

| | | | | |
|----|----|---------|----------------------------|-----------------------|
| 23 | HP | Shimla | Sh. Vishav Dev Sharma | SMDC Chairman |
| 24 | HP | Sirmour | Sh. NandLal Sharma | Principal |
| 25 | HP | Sirmour | Shsatpal | CHT |
| 26 | | | Sh. Yashpal | Principal |
| 27 | HP | Solan | Bhupender Gupta | Principal (Year 2024) |
| 28 | HP | Solan | Kishore Verma | SMC President |
| 29 | HP | Una | Sh. Mohinder Singh Patiyal | SMDC PARDHAN |
| 30 | HP | Una | Sh. J. R. Kaushal | Principal |
| 31 | HP | | Sh. Rakesh Chaudhary | SMDC Chairman |

Annexure III :

Schedule of Shaala Darpan Workshop

| MMP in Education Workshop –Day 1: 17 July 2014, RIPA, Jaipur | | |
|---|---|---|
| Time (hrs) | Theme/ Topic/ Speaker | Objective of the Session |
| 9.30 - 10.00 | Registration | |
| | | Participants register for the workshop and are seated |
| 10.00 - 10.45 | Inaugural Session | |
| 10.00 - 10.10 | Lighting of Lamp | All dignitaries on the dais |
| 10.10 - 10.20 | Ms. Caralyn K Deshmukh , Director, MHRD, Delhi | Introduce Shaala Darpan Vision for e-Governance in School Education - the Shaala Darpan programme |
| 10.20 - 10.30 | Mr. D Chakrapani , Director, CIPS, Hyderabad | CIPS - Creating an Ecosystem of Innovations through capacity building and knowledge sharing |
| 10.30 - 10.35 | Mr. P K Goyal , Principal Secretary, Rajasthan Department of Education, Jaipur | Taking the lead in Education Initiatives and experience of Rajasthan in use of ICT at schools |
| 10.35 - 10.45 | Dr. Vashima Shubha , DeitY, New Delhi * (participated on Day 2) | Championing Mission Mode Implementation of Shaala Darpan –The presentation should showcase on governance especially how data in schools can be updated real time. |
| | Vote of Thanks | CIPS Representative |
| 10.45 - 11.15 | Tea Break | |
| 11.15 - 13.00 | Technical Session I | Best Practices in e-Governance of Schools |

| Time (hrs) | Theme/ Topic/ Speaker | Objective of the Session |
|----------------------|---|---|
| 11.15 - 12.00 | Mr. Gaurav Dubey , Buzzyyears: Experience Sharing from Proof of Concept Schools – from Ajmer – identification of issues and challenges and Inputs from Principals of Ajmer Schools | Mr. Gaurav Dubey, Buzzyyears, poc experience; Schools of Ajmer – participants share their experience and identify issues and challenges and what has helped them to succeed |
| 12.00 - 12.30 | Mr. Rajiv Mehra , Chief Consultant MIS, TSG: ShaalaDarpan – Digitization Format and Status Report | Presentation to be made by RMSATSG |
| 12.30 - 13.00 | Open Forum for Clarifications and Questions | From the Floor |
| 13.00 - 14.00 | Lunch Break | |
| 14.00 - 15.30 | Technical Session II | Ensuring Success of ShaalaDarpan |
| 14.00 - 14.45 | Role of Schools in ensuring success- need to clearly identify roles and responsibilities of various stakeholders | Principals/ IT resources of the PoC the ShaalaDarpan Schools for ensuring success of MMP |
| 14.45 - 15.30 | Role of SMDC in up scaling the programme | Open House for ideas from SMDC members/parents |
| 15.30 - 16.00 | Tea Break | |
| 16.00 - 18.00 | Technical Session III | |
| 16.00 - 16.30 | Rajiv Mehra and Shailendar Sharma: Role of Designated Principal/ Teacher/ ICT officer in the Functional Design of the ShaalaDarpan formats | Session to be facilitated by Rajiv Mehra, TSG RMSA and Shailendar Sharma, Technical Cooperation Agency, New Delhi |
| 16.30 - 18.00 | Facilitated Workshop Session led by Jayalakshmi Chittoor, CIPS on Roles and Responsibilities of Stakeholders | Facilitated Session to outline the work plan for digitization, the current status, ownership and roles and responsibilities of various stakeholders |
| 18.00 | End of Day 1 | |

| MMP in Education Workshop –DAY 2: 18 July 2014, RIPA, Jaipur | | |
|---|--|--|
| Time (hrs) | Theme/ Topic/ Speaker | Objective of the Session |
| | Technical Session IV | Group Presentations |
| 10.00 - 10.15 | I | Each group will be tasked with four key questions and they will make the presentation of their work plan and roles and responsibilities. Session Facilitated by Ms. Jayalakshmi Chittoor, CIPS and Ms. P Swathi, CIPS |
| 10.15 - 10.30 | II | |
| 10.30 - 10.45 | III | |
| 10.45 - 11.00 | IV | |
| 11.00 - 11.15 | V | |
| 11.15 - 11.30 | VI | |
| 11.30 - 12.00 | Tea Break | |
| 12.00 - 13.30 | Technical Session V | Ensuring Success of Shaala Darpan |
| | Technical Demonstration of Digitization Formats and Q&A Mr. Shakti Bhushan (Nodal ICT Officer, HP) and Mr. Anoop Khinchi (SPD, Rajasthan) with Mr. Rajiv Mehra | Session to be Facilitated by MHRD RMSATSG and State Nodal Officers |
| 13.30 - 14.30 | Lunch Break | |
| 14.30 - 16.00 | Technical Session VI | |
| 14.30 - 15.00 | Ms. Deepa Sengar / Dr. Vashima Shubha , NeGD, DeitY, New Delhi: Transforming Governance - NeGD's focus on Capacity Building | Importance of Good Governance for Efficient Management - Role of e-Governance in making it a reality in the larger context National e-Governance Plan |
| 15.00 - 15.30 | Mr. Babu Sebastian , ED, IT@Schools, Kerala: Innovative Practices in Kerala IT@Schools | Kerala Experience - Presentation to be made by Mr. Babu Sebastian, ED, IT@Schools, Thiruvananthapuram, Kerala |

| | | |
|----------------------|---|---|
| 15.30 - 16.00 | Ms. Parkavi Kumar , SPO, CIPS, How to assess quality and improve performance of schools | Ms. Parkavi Kumar on Best Practices in Schools focusing on quality in education |
| 16.00 - 16.30 | Lunch Break | |
| 16.30 - 17.30 | Valedictory Session | |
| | Closing remarks: Mr. PK Goyal, Principal Secretary, Education, Rajasthan. Issue of Participation Certificate by Caralyn K Deshmukh, Director MHRD | MHRD is requested to be present and give the Participation Certificates to all participants |
| | Vote of Thanks | Ms. Jayalakshmi Chittoor, CIPS |
| 17.30 | End of Day 2 | |

**Annexure IV : School Management & Tracking Software
PoC Implementation Report by Mr. Gaurav Dubey**



School Management & Tracking Software PoC Implementation Report



Arain Block Ajmer
Oct' 13 - Dec' 13

Project Overview



Solutions Offered


Ministry of Human Resource Development



ICT in Education as a sector



Cloud Based Applications



e-Governance in education

**Student
Parent
Teacher**

Benefits to each stakeholder



School Management/Principal



Hierarchical Information access



Dashboard




Dynamic reporting



Complete paperless solution

Project Goal


Ministry of Human Resource Development

Application: Student Attendance

| | |
|--------------|--|
| Data Entry | Student Attendance recorded in school |
| Notification | Parents are informed when child is absent by 11 am |
| Dashboard | Principals and block/district/center users are able to see information as required |

Application: Teacher Attendance

| | |
|------------|--|
| Data Entry | Teacher Attendance recorded in school by 11 am |
| Dashboard | Principals and block/district/center users are able to see information as required |

Application: Assessments and Report Cards

| | |
|--------------|--|
| Data Entry | Assessment details are recorded |
| | Report Cards are generated by schools as required |
| Notification | Parent is informed of assessment results when results are published |
| Dashboard | Principals and block/district/center users are able to see information as required |

Application: Curriculum Management

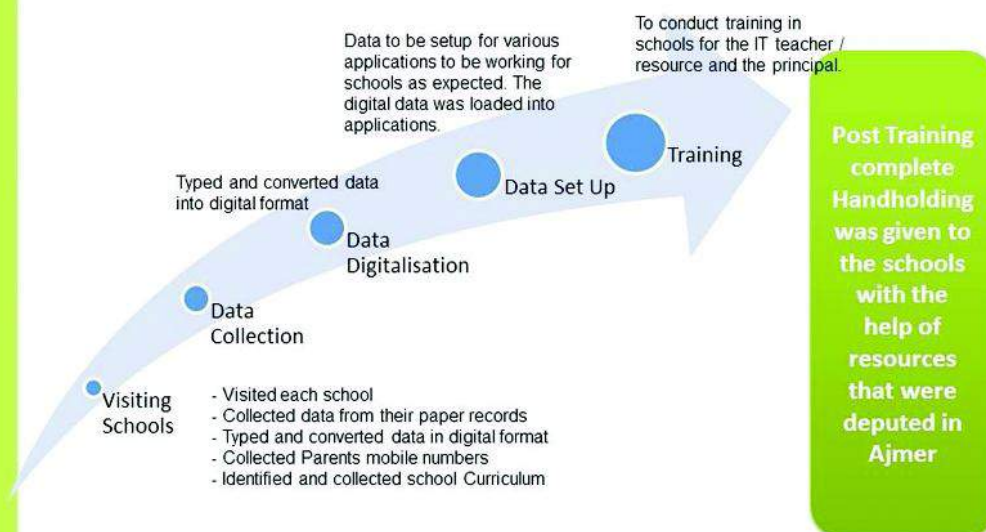
| | |
|------------|--|
| Data Entry | Curriculum taught to be recorded on a daily basis |
| Dashboard | Principals and block/district/center users are able to see information as required |

AJMER Schools where project was launched



| | | | |
|--------------------------------|---------------------------------|--|---|
| MRG Academy Sarvad Road, Arain | Saraswati Bal Sec School, Arain | Ranabai Children Academy Primary Sanskrit School | Vandana Primary Sanskrit School, Akodia |
| Govt Sec School, Jheerota | Govt Sec School, Gagunda | Govt Sec School, Bhogadeet | Govt. Sec School, Sandoliya |
| Govt. Sec School, Tejpura | Govt. Sec School, Mandawariya | Govt. Sec School, Gotiyana | Govt. Sec School, Devpuri |
| | Govt. Sec School, Katsoora | Govt. Sec School, Dholpuria | |

Planning



Timelines



| 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 | - |

Timelines
were define
and followed
for the
various
applications

Data Collection



- Visited each school
- Collected data from their paper records
- Typed and converted data in digital format
- Collected Parents mobile numbers
- Identified and collected school Curriculum

Data Digitization



Typed and converted data into digital format

Set Up

Data was setup for various applications in schools as expected. The digital data was loaded into applications.

Training



Conducted training in schools for the IT teacher / resource and the principal.

Hand Holding

Provided close hand holding support for the school which helped them to use applications on a daily basis and they were able to perform their routine tasks.

Running Smoothly



School to be able to use the applications on their own and ask for help in special cases.

Challenges/Solutions



| | Challenges | Solutions |
|------------------------|--|--|
| Data Collection | Data was not available in soft copies, it was in registers. | Took pictures from phone, scanned registers and send it to the backend team to prepare data. |
| | Schools were not keeping records of cell phone numbers of parents. | School collected this data from the Parents after our meeting. |
| | Curriculum Data and Lesson Plans were not defined | Worked with schools to create Curriculum Data |
| | There were no definite lesson plan or scheme for delivering curriculum in classes. It was different in different schools | Worked with Teachers to prepare their daily lesson plans |
| Connectivity | Data was in Hindi/English format | Provided Software in English/Hindi Language |
| | Connectivity problem in all the Schools | We talked with ERNET and helped schools to get internet connectivity in their schools. |

Challenges/Solutions

| | Challenges | Solutions |
|-----------------|------------------------------|---|
| Training | Few Teachers were tech savy. | Trained School Staff Created Gmail account of all the staff members Trained staff to use these email ids Created Skype Account Trained staff to use Skype so that they can get in touch with us anytime Teacher's training and workshop programmes were organised for all 14 Schools |
| | | Deputed 3 resources in Ajmer to provide complete hand-holding and support to the schools. Contacted/Visited schools on daily basis to ensure that the schools are not facing any problems and are updating their data in the system regularly. |
| | | Made our applications in Hindi/English language so that teachers are comfortable in using our platform. |
| | | |
| | | |

Applications






School Management

Ministry of Human Resource Development

Organised School information of all 14 Schools in this application

School Management application works like a "profile" application that stores all school related information such as "school address, contact details, school website, keeping a records of holidays/events and provide a place where school can store any relevant documents.

School Management



Govt Sec School Katsora
Village Katsora Ajmer District, Ajmer, Rajasthan,

School Details | General | Signatures | Holidays/Events | Working Weekends | Documents

School Name: Govt Sec School Katsora

Year Established: 1960

Address: Village Katsora Ajmer District

Country: India

State: Rajasthan

City: Ajmer

Pin Code:

Phone: 01-976030021

Email: principal.katsora@gmail.com

Affiliation Number:

Fax Number:

Principal's Name: Mrs. Neeru Bhatia

Outcome- School Management



| S. No. | School's Name | Details Received | | |
|--------|--|------------------|----------------------|-----------------|
| | | Area of School | Computer Lab(Yes/No) | Ground (Yes/No) |
| 1 | MRG Academy Sarvad Road, Arain | 3.5 Biga | Yes | Yes |
| 2 | Saraswati Bal Sec School, Arain | 20000 Sq feet | Yes | No |
| 3 | Ranabai Children Academy Primary Sanskrit School | 4 Biga | Yes | Yes |
| 4 | Vandana Primary Sanskrit School, Akodia | 300 Sq Feet | Yes | Yes |
| 5 | Govt Sec School, Jheerota | 15 Biga | Yes | Yes |
| 6 | Govt Sec School, Gagunda | 5952 Sq meter | Yes | Yes |
| 7 | Govt Sec School, Bhogadeet | 2.75 Biga | Yes | Yes |
| 8 | Govt. Sec School, Sandoliya | 24000 Sq Feet | Yes | No |
| 9 | Govt. Sec School, Tejpura | 13.5 Biga | Yes | Yes |
| 10 | Govt. Sec School, Mandawariya | 1000 Sq Yard | Yes | No |
| 11 | Govt. Sec School, Gotiyana | 2.5 Biga | Yes | Yes |
| 12 | Govt. Sec School, Devpuri | 1.5 Biga | Yes | Yes |
| 13 | Govt. Sec School, Katsoor | 25000 Sq Feet | Yes | Yes |
| 14 | Govt. Sec School, Dholpuria | 1590 Sq Feet | Yes | Yes |

Software allows schools to export data in an excel or in Pdf format

Student Management



This application allows school to keep a track of all the student records such as their name, class, section, contact details, parent details etc

Student Management
Govt Sec School Katsoor

Year: 2013-2014

Name/Username: Admission Number: Student Status: Class: Section: Mark Students Active

Search: Export / Print

Student Details | Parent Details | Contact Details | Show Instructions Attached | Other Details

| Student Name | Status | First Name | Middle Name | Last Name | Class |
|--------------|--------|------------|-------------|-----------|-------|
| ajitha gfr | Active | ajitha | | gfr | VI |
| shree anr | Active | shree | | anr | VI |
| igwe hnsr | Active | igwe | | hnsr | VI |
| lthe hne | Active | lthe | | hne | VI |
| lthe shc | Active | lthe | | shc | VI |
| ing shch | Active | ing | | shch | VI |
| veda jeech | Active | veda | | jeech | VI |
| vedha gfr | Active | vedha | | gfr | VI |
| ga mnsr | Active | ga | m | mnsr | VI |
| eeve gfr | Active | eeve | | gfr | VI |

Software allows schools to export data in an excel or in Pdf format

| S. No. | School's Name | Students | |
|--------|--|----------|------|
| | | Girls | Boys |
| 1 | MRG Academy Sarvad Road, Arain | 106 | 655 |
| 2 | Saraswati Bal Sec School, Arain | 100 | 338 |
| 3 | Ranabai Children Academy Primary Sanskrit School | 29 | 130 |
| 4 | Vandana Primary Sanskrit School, Akodia | 82 | 232 |
| 5 | Govt Sec School, Jheerota | 75 | 264 |
| 6 | Govt Sec School, Gagunda | 30 | 80 |
| 7 | Govt Sec School, Bhogadeet | 31 | 141 |
| 8 | Govt. Sec School, Sandoliya | 26 | 58 |
| 9 | Govt. Sec School, Tejpura | 30 | 109 |
| 10 | Govt. Sec School, Mandawariya | 22 | 72 |
| 11 | Govt. Sec School, Gotiyana | 36 | 116 |
| 12 | Govt. Sec School, Devpuri | 5 | 64 |
| 13 | Govt. Sec School, Katsoor | 9 | 94 |
| 14 | Govt. Sec School, Dholpuria | 10 | 59 |
| Total | | 591 | 2412 |

Student Attendance



Gave Solution to all 14 Schools to mark student's attendance in an advanced platform rather than marking Attendance in an Assembly and on Registers



Attendance in Dholpuriva School

Attendance in Dewauri School

Outcome Student Attendance



Digitalised
Attendance
application

Open
Communication
with Parents
through SMS

Attendance

VII

Back to TOGG 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 | 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 | |
| | 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 | ... | 5 | 0 | A | A | P | P | A | A | A | P | P | |
| 702 | ... | 11 | 0 | A | A | A | A | A | A | A | A | A | |
| 703 | ... | 2 | 0 | A | A | P | P | A | A | A | A | P | |
| 704 | ... | 0 | 0 | P | P | P | P | P | P | P | P | P | |
| 705 | ... | 4 | 0 | A | A | P | P | P | P | A | P | P | |
| 706 | ... | 0 | 0 | P | P | P | P | P | P | P | P | P | |
| 707 | ... | 1 | 0 | P | P | P | P | P | P | A | P | P | |
| 708 | ... | 0 | 0 | P | P | P | P | P | P | P | P | P | |
| 709 | ... | 5 | 0 | A | A | A | P | P | A | A | P | P | |
| 710 | ... | 7 | 0 | A | A | A | P | P | A | A | P | P | |
| 711 | ... | 0 | 0 | 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

Send SMS

प्रिय अभिभावक, अतिशय आज अनुपस्थित है

Leave Management



This application deals with all kind of leave complexities of managing the Leave Management System of the school

The application defines leave rules, manages leave applications and leave balance of employees across all categories of employment.

Leave Management/ Staff Attendance



Allowed school to export all kind leave reports

| S. No. | School's Name | Teachers | |
|--------------|--|-----------|-----------|
| | | Male | Female |
| 1 | MRO Academy Sarvad Road, Arain | 13 | 8 |
| 2 | Saraswati Bal Sec School, Arain | 11 | 0 |
| 3 | Ranabai Children Academy Primary Sanskrit School | 7 | 4 |
| 4 | Vandana Primary Sanskrit School, Akodia | 8 | 3 |
| 5 | Govt Sec School, Jheerota | 9 | 0 |
| 6 | Govt Sec School, Gagunda | 6 | 1 |
| 7 | Govt Sec School, Bhogadeet | 6 | 0 |
| 8 | Govt. Sec School, Sandoliya | 5 | 3 |
| 9 | Govt. Sec School, Tejpura | 5 | 2 |
| 10 | Govt. Sec School, Mandawariya | 3 | 3 |
| 11 | Govt. Sec School, Gotiyana | 7 | 1 |
| 12 | Govt. Sec School, Daspuri | 5 | 2 |
| 13 | Govt. Sec School, Katsoora | 7 | 2 |
| 14 | Govt. Sec School, Dholpuria | 4 | 1 |
| Total | | 96 | 30 |

Curriculum Management



Curriculum Management application is an interactive application that helps in maintaining a track of subject wise curriculum for all classes of the school.



Old Academic Pattern

Curriculum Management



Allowed school to maintain their Curriculum Data in the System.

Schools were not maintaining any lesson planning or any data earlier

Curriculum Management

MRG Academy Arain Year: 2013-2014 Class: VI

Terms: Curriculum Progress Reports

Teacher: प्रमल जगत

| Topics | Sub Topics | Start Date | End Date | Completion % |
|----------------------------|----------------------------|------------|------------|--------------|
| अपनी संख्याओं कि जानकारी | अपनी संख्याओं कि जानकारी | 01/04/2013 | 31/03/2014 | 100 |
| पूर्ण संख्याएं | पूर्ण संख्याएं | 01/04/2013 | 31/03/2014 | 0 |
| संख्याओं के साथ खेलना | संख्याओं के साथ खेलना | 01/04/2013 | 31/03/2014 | 0 |
| आधारभूत ज्यमित्रीय आधारभूत | आधारभूत ज्यमित्रीय आधारभूत | 01/04/2013 | 31/03/2014 | 0 |
| प्राथमिक आकारों को समझना | प्राथमिक आकारों को समझना | 01/04/2013 | 31/03/2014 | 0 |
| पूर्णांक | पूर्णांक | 01/04/2013 | 31/03/2014 | 0 |
| भ्रमण | भ्रमण | 01/04/2013 | 31/03/2014 | 0 |

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.

Report Cards

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

Progress Report Setup

Sections General Information Reports

Period: Examination

Section: विद्यया - मॉडल

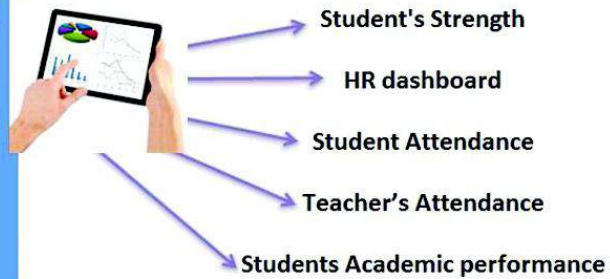
View by: Student Assessment

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 | परक परीक्षा | | | | अर्धवार्षिक परीक्षा | | | | वार्षिक परीक्षा | |
|-----------------|-------------|---------|--------|---------|---------------------|---------|--------|---------|-----------------|---------|
| | अवधि | | दुर्गम | | दुर्गम | | दुर्गम | | दुर्गम | |
| | संकेत | निर्देश | संकेत | निर्देश | संकेत | निर्देश | संकेत | निर्देश | संकेत | निर्देश |
| 1. अमित गुप्ता | 5 | 5 | 5 | 5 | 5 | 5 | 20 | 50 | 30 | 70 |
| 2. जीवन्त शर्मा | 4 | 2 | | | | | | | | |
| 3. सुरेश कुमार | 4 | 0 | | | | | | | | |

Dashboards

Dashboards allows management and organisation users to monitor their school performances at a glance.



Staff Attendance

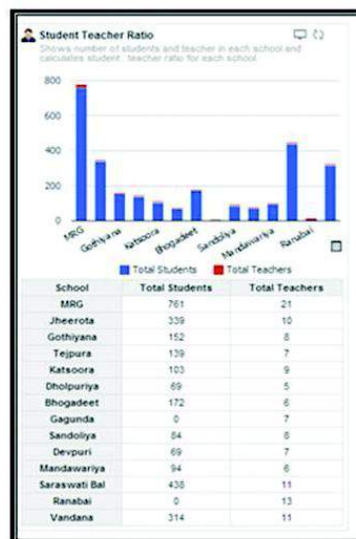


Staff Present % graphs shows daily attendance % of employees.

This will help organisation head or school management to keep a close watch on teacher's availability.

Looking at the graph, we can easily compare the staff attendance by schools and also Govt schools: Private schools

Student Teacher Ratio



Dashboard allows users to see Student/Teacher Ratio across all the academics.

This kind of data helps them to take decision if school has enough resources according to the student's strength in school and is the student:teacher ratio as per defined guidelines

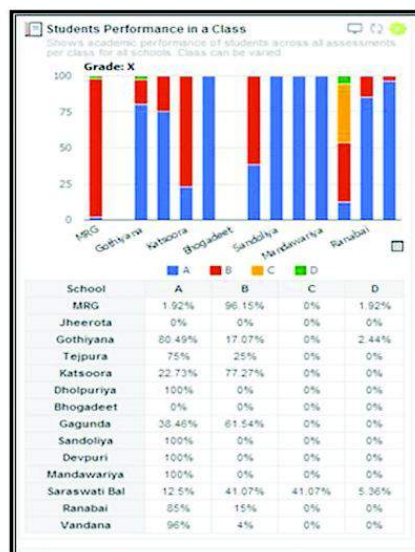
Total Students



Total Student graph shows not only the total number of students per academy but also the ration of Boys:Girls for all the 14 academics. This kind of analysis is very important from the ministry point of view as it is evident from the graph that the strength of girls is very low, compared to that of boys.

This can lead to "Educate the girl child" type of awareness programs to be initiated.

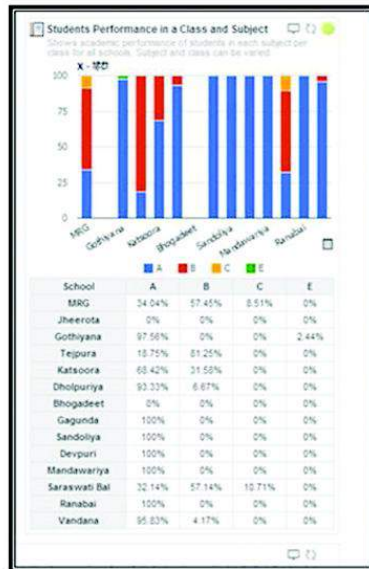
Student Performance in Class



Student Performance in a class widget shows academic performance of student across all assessments per class for all classes.

This graph also shows a comparative analysis of student performance in a Block

Students Performance in a Class and Subject



Student Performance in a Class and Subject provides a holistic view of all the schools by the subject.

This kind of analysis will help organisation users to know whether there is a need to allocate quality resources in particular academies in particular subject to improve the academic performance of a student in that subject.

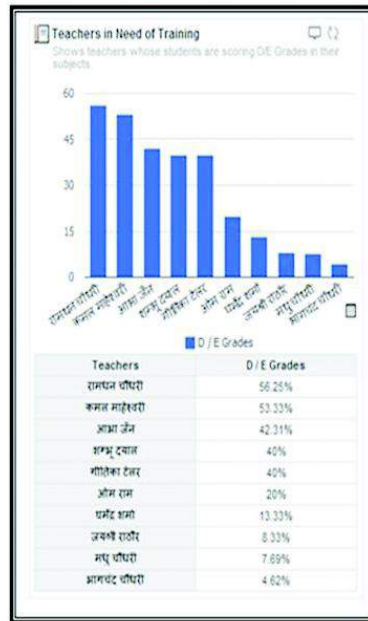
Student Attendance



Student Attendance graph allows organisation users to see the percent attendance of students in a school against total number of working days, with respect to that of other schools, for the current academic year.

This kind of data provides a significant input to an organisation user to take any immediate action if required wherever student's attendance is low.

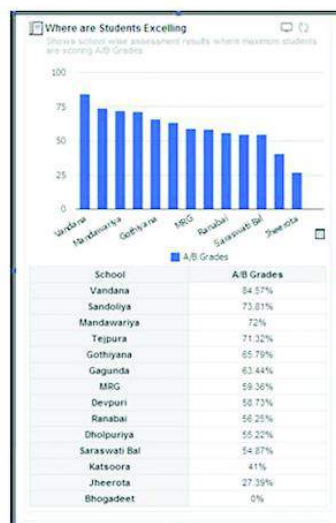
Teachers in Need of Training



The HOD/Organisation user can use this analysis to monitor the performance of teachers across all these academies.

This kind of analysis help organisation users to take decision whether there is a need of "Teacher's Training" in order to improve the student performance.

Student's Performance



This graph shows a comparative analysis between schools to show the percentage of student's securing A/B Grades.

This academic excellence shows that the performance of teachers is good in these academies.

Bytes From School



School Name: Katsoora School
Principal Name: Ms. Neelu Bhatia

Q1 BY Team: Aapko BY or iski application kaisi lagi?

"How do you like the applications?"

Principal Ma'am: Ye bahut hi badiya hai, isse humhe bahut fayde honge. Pehle toh humari sari kagzi karvai bachegi.

"All the applications are very good and beneficial for the school.

It will help us to get rid of all the paper work which we did and all our student's and teacher's data will be accurate and correct."

Q2 BY Team: Aapko humari sari applications samajh me aai?

"Did you face any challenges in understanding our applications?"

Principal Ma'am: Haan abhi toh samajh me aa gayi jaisa apne samjhaya. Baki jab practice karenge toh puri tarah se samajh aa jayegi.

"We understood everything and it will be clearer to us as and when we practice these applications"

Q3 BY Team: Aisa koi blocker jinse aapko lag raha hai ki Sify me kaam kame mein mushkil hoga?

"Let us know if there is any blocker that may deter you in using applications"

Principal Ma'am: Problems toh hain sir

First ki yahan internet kaa problem hai. Hamesha nahi rehta.

Second sabse badi problem electricity ki hai.

Third problem computer staff ki bhi hai.

"Yes Sir, there are problem such as:

- Internet is not stable
- Electricity is not available all the time
- Shortage of trained computer staff



Annexure V :

Digitization Format by Mr. Rajiv Mehra

Shaala Darpan

Workshop on
MMP in Education
Digitization Format

Ministry of Human Resource Development
17-18th July, 2014
Venue : RIPA Jaipur

Focus

Session 1 : Data Capture Format (DCF)

Session 2 : Technical Demonstration of
Digitization Formats

Data Source

Sources :

- (a) Census code from Census 2011 :
 - (i) Logon to website :
(http://censusindia.gov.in/2011census/Listofvillage_sandtowns.aspx)
 - (ii) Download List of Villages with codes for your district / sub-district : as shown in the slide
- (b) UDISE 2013-14
- (c) Student Register
- (d) Teacher Register
- (e) Subject Wise Lesson Plan (Registers)
- (f) Student Assessment Registers



Census Website

2011
Our CENSUS, Our FUTURE.

Navigation: About us, Media / News, Archive, Census info, ORG Intranet

Birth & Death Registration, Population Finder 2011, 2011 Census Data, Vital Statistics, NPR, Linguistic Survey, Map, Jobs/Courses, Census Digital Library

Search: ABOUT US, 56,929 people like this. Sign Up to see what your friends like.

Latest News: the number recorded in 2001, Highest proportion of urban population is in NCT Delhi (97.5%)

You are here: Home / List of Villages/Towns

List of Villages/Towns

List of Villages/Towns by Sub district level

View Data: Rural Urban Both

Select State: Andhra Pradesh(28)

Select District: Adilabad(532)

Select Sub District: Adilabad(04306)

Submit, Export to Excel

Stop Defaults, Show All

List of Villages and Towns at Sub District Level

| Sl No. | Village Name | Village Code |
|--------|------------------|--------------|
| 1 | Jamtapur | 566976 |
| 2 | Mallapur | 566977 |
| 3 | Dimma | 566978 |
| 4 | Pochara | 566979 |
| 5 | Tarada (Srinath) | 566980 |
| 6 | Rampoor (Rovad) | 566981 |
| 7 | Bheemari | 566982 |
| 8 | Chanda | 566983 |

Data Capture Format for MMP in Education

Form : 1

School Details

| School Name | U-DISE school Code | Village Census code | Name of Principal | Email id of Principal | Mobile Number |
|------------------|--------------------|---------------------------|-------------------|-----------------------|---------------|
| (Source : UDISE) | (Source : UDISE) | (Source : Census Website) | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Form : 2

Student Data

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|------------------------|---|-------------|-----------|--|-------------------------------|--------------------------|------------------------------|-----------------------------------|---|----------------------|
| SLNo | Student Name (First-Middle-Last) | | | Father's Name (First-Middle-Last) | | | Father's Mobile Number | Mother's Name (First-Middle-Last) | | |
| | First Name | Middle Name | Last Name | First Name | Middle Name | Last Name | | First Name | Middle Name | Last Name |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Mother's Mobile Number | Guardian's Name (First-Middle-Last) (if applicable) | | | Guardian's Mobile Number (if applicable) | Aadhaar UID No(if Available) | Date of Birth DD/MM/YYYY | Date of Admission DD/MM/YYYY | Admission / Registration Number | Studying in Class (1,2,3,4,5,6,7,8,9,10,11,12, 0-pre primary) | Section (A/B/C/D/E) |
| | First Name | Middle Name | Last Name | | | | | | | |

Form : 2.. (Contd...)

Student Data

| 23 | 24 | 25 | 26 |
|---|-------------------------------------|--|----------------|
| Group / Stream Code* (for HSC Students Only) | Gender (Boy=1/Gril=2/Transgender=3) | Social Category (Gen=1/SC=2/ST=4/OB C=5) | Mother Tongue* |

(23) Group / Stream Code: Arts:1, Science=2, Commerce=3, Vocational=4, Other=5

(26) Mother Tounge: 1=Assamese; 2=Bengali; 3=Bodo; 4=Dogri; 5=Gujarati; 6=Hindi; 7=Kannada; 8=Kashmiri; 9=Konkani; 10=Maithili; 11=Malayalam; 12=Manipuri; 13=Marathi; 14=Nepali; 15=Oriya; 16=Punjabi; 17=Sanskrit; 18=Santali; 19=Sindhi; 20=Tamil; 21=Telugu; 22=Urdu; 99=Other language (English) (Values taken from Language Code Directory (CD00.02))

Form : 2.. (Contd...)

Student Data

| 27 | 28 | 29 |
|------------------------|---------------------------|----------------------------|
| Medium of instruction* | Disability, if any*(Na=0) | Facility provided to CWSN* |

(27) Medium of Instruction: 1=Assamese; 2=Bengali; 3=Bodo; 4=Dogri; 5=Gujarati; 6=Hindi; 7=Kannada; 8=Kashmiri; 9=Konkani; 10=Maithili; 11=Malayalam; 12=Manipuri; 13=Marathi; 14=Nepali; 15=Oriya; 16=Punjabi; 17=Sanskrit; 18=Santali; 19=Sindhi; 20=Tamil; 21=Telugu; 22=Urdu; 99=Other language (English) (Values taken from Language Code Directory (CD00.02))

(28) Disability: NA=0, Visual(Blindness)=1 , Visual (Low-vision) = 2, Hearing impaired=3,Speech=4.Locomotor=5, orthopedic=6 Mental Retardation=7, Mental illness=8 Learning disability=9, Cerebral palsy=10, Autism=11,Multiple Disability-=12,Leprosy=13, Other=14

(29) Facility Provided to CWSN: Na=0, Brail Books = 1, Brail Kit = 2, Low Vision Kit = 3, Hearing aid = 4, Braces = 5, Crutches = 6, Wheel Chair = 7, Tri Cycle = 8, Caliper = 9, Other = 10

Form : 2.. (Contd...)

Student Data

| 30 | 31 | 32 | 33 |
|--|---|---|--|
| Free Transport Facility (NA=0,yes=1,No=2)for CWSN | Free Escort Facility (NA=0,yes=1,No=2)for CWSN | Current Address (Address with - House Number/Door Number/House Identifier /Flat Number - Building Name / Building Number - Plot Number / Building Identifier -- Stairwell/ Lift Number City / District, State, PIN Code) | Permanent Address (Address if not the same as current address with - House Number/Door Number/House Identifier /Flat Number - Building Name / Building Number - Plot Number / Building Identifier -- Stairwell/ Lift Number City / District, State, PIN Code) |

Form : 3

Class Assessment Details

| Subject | Class | Jan | | | | February | | | |
|---------|-------|---|---|---|---|---|---|---|---|
| | | Week 1 Brief detail of the Assign ment) | Week 2 Brief detail of the Assign ment) | Week 3 Brief detail of the Assignm ent) | Week 4 Brief detail of the Assignm ent) | Week 5 Brief detail of the Assignm ent) | Week 6 Brief detail of the Assignm ent) | Week 7 Brief detail of the Assignm ent) | Week 8 Brief detail of the Assign ment) |
| Math | 6 | | | | | | | | |
| | 7 | | | | | | | | |
| | 8 | | | | | | | | |
| | 9 | | | | | | | | |
| Science | . | | | | | | | | |
| | . | | | | | | | | |
| | 6 | | | | | | | | |
| | 7 | | | | | | | | |
| | 8 | | | | | | | | |
| | . | | | | | | | | |

(2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8,Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17,Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25,Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0]

Form : 4 **Subject Teacher**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
|-----------------------------------|-------------------------------------|--|-----------------------------------|---|----------------|-----------|------------------|----------|
| Sl.No (code as in UDISE) | Subject (code as in UDISE) | Class (1,2,3,4,5, 6,7,8,9,10, 11,12, 0-pre primary) | Section (A / B / C / D / E) | Subject Teacher's Name (First-Middle-Last) | | | Mobile Number | Email_id |
| | | | | First Name | Middle Name | Last Name | | |
| | | | | | | | | |
| | | | | | | | | |

(2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8, Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17, Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25, Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0]

Form : 5 **Class Teacher**

| 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 |
|-------------------------------|---|-----------------------------------|---|----------------|-----------|------------------|----------|
| S.No (code as in UDISE) | Class (1,2,3,4,5,6,7,8,9, 10,11,12, 0-pre primary) | Section (A / B / C / D / E) | Class Teacher's Name (First-Middle-Last) | | | Mobile Number | Email_id |
| | | | First Name | Middle Name | Last Name | | |
| | | | | | | | |
| | | | | | | | |

| Form : 6 | | Lesson Plans | | | | | |
|--------------------------------|---|---|--|--|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Subject (use code as in UDISE) | Class (1,2,3,4,5,6,7,8,9,10,11,12, 0-pre primary) | Month 1 Please specify according to academic Calendar /Jan/ April/ July | Month 2 Please specify according to academic Calendar /Feb/ May / August | Month 3 Please specify according to academic Calendar /Mar/ June /Sept | Month 4 Please specify according to academic Calendar /April/ July/ Oct | Month 5 Please specify according to academic Calendar /May/ Aug/Nov | Month 6 Please specify according to academic Calendar June/ Sept/ Dec |
| Math | 6 | | | | | | |
| | 7 | | | | | | |
| | 8 | | | | | | |
| | . | | | | | | |
| Science | 6 | | | | | | |
| | 7 | | | | | | |
| | 8 | | | | | | |

(2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8, Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17, Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25, Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0]

| Form : 6.. Contd.. | | Lesson Plans | | | | | |
|--------------------------------|---|---|--|--|--|--|--|
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Subject (use code as in UDISE) | Class (1,2,3,4,5,6,7,8,9,10,11,12, 0-pre primary) | Month 7 Please specify according to academic Calendar /Jan/ April/ July | Month 8 Please specify according to academic Calendar /Feb/ May / August | Month 9 Please specify according to academic Calendar /Mar/ June /Sept | Month 10 Please specify according to academic Calendar /April/ July/ Oct | Month 11 Please specify according to academic Calendar /May/ Aug/Nov | Month 12 Please specify according to academic Calendar June/ Sept/ Dec |
| Math | 6 | | | | | | |
| | 7 | | | | | | |
| | 8 | | | | | | |
| | . | | | | | | |
| Science | 6 | | | | | | |
| | 7 | | | | | | |
| | 8 | | | | | | |

(2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8, Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17, Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25, Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0]



**Annexure VI : Technical Demonstration of Digitization Formats
by Mr. Rajiv Mehra & Mr. Shailendar Sharma**

Shaala Darpan

Session 2: Technical Demonstration of Digitization Formats

Ministry of Human Resource Development
17-18th July, 2014
Venue : RIPA Jaipur

MS - Excel

- The Maximum size of each column have been prescribed in the format.
- The size should not exceed

Form : 1

School Details

| School Name | U-DISE school Code | Village Census code | Name of Principal | Email id of Principal | Mobile Number |
|---------------------|--------------------|---------------------|--------------------|-----------------------|------------------|
| Varchar(100) | Char (11) | Char (16) | Varchar(99) | Varchar(254) | Char (10) |

MS - Excel

Form : 2

Student Data

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-------|----------------------------------|-------------|-----------|-----------------------------------|-------------|-----------|------------------------|-----------------------------------|-------------|-----------|
| Sl.No | Student Name (First-Middle-Last) | | | Father's Name (First-Middle-Last) | | | Father's Mobile Number | Mother's Name (First-Middle-Last) | | |
| | First Name | Middle Name | Last Name | First Name | Middle Name | Last Name | | First Name | Middle Name | Last Name |

First Name (Col. 2 ,5, 9) : Varchar(30)
Middle Name (Col. 3 ,6, 10) : Varchar(30)
Last Name (Col. 4 ,7, 11) : Varchar(30)
Mobile Number (Col. 8) : Char(10)

| MS - Excel | | | | | | | | | | |
|--------------------------------------|---|-------------|-----------|---|-------------------------------|--------------------------|------------------------------|---------------------------------|---|----------------------|
| Form : 2... Contd... | | | | | | | | Student Data | | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Mother's Mobile Number | Guardian's Name (First-Middle-Last) (if applicable) | | | Guardian's Mobile Number (if applicable) | Aadhaar UID No(if Available) | Date of Birth DD/MM/YYYY | Date of Admission DD/MM/YYYY | Admission / Registration Number | Studying in Class (1,2,3,4,5,6,7,8,9,10,11,12, 0-pre primary) | Section (A/B/C/D/E) |
| | First Name | Middle Name | Last Name | | | | | | | |
| First Name (Col. 13,14,15) | | | | : Varchar(30) | | | | | | |
| Middle Name (Col. 3 ,6, 10) | | | | : Varchar(30) | | | | | | |
| Last Name (Col. 4 ,7, 11) | | | | : Varchar(30) | | | | | | |
| Mobile Number (Col. 12,16) | | | | : Char(10) | | | | | | |
| Aadhar UID No. | | | | : Number (12) | | | | | | |
| Date of Birth/Admission (Col. 18,19) | | | | : dd/mm/yyyy | | | | | | |
| Admission/Registration | | | | : Varchar(100) | | | | | | |
| Section | | | | : Char (1) | | | | | | |

| MS - Excel | | | |
|---|------------------------------------|--|----------------|
| Form : 2.. (Contd...) | | | Student Data |
| 23 | 24 | 25 | 26 |
| Group/ Stream Code * (for HSC Students Only) | Gender(Boy=1/Gril=2/Transgender=3) | Social Category (Gen=1/SC=2/ST=430 BC=5) | Mother Tongue* |
| Integer (1) | Integer (1) | Integer(1) | Integer (2) |
| (23) Group / Stream Code: Arts:1, Science=2, Commerce=3, Vocational=4, Other=5 | | | |
| (26) Mother Toungue: 1=Assamese; 2=Bengali; 3=Bodo; 4=Dogri; 5=Gujarati; 6=Hindi; 7=Kannada; 8=Kashmiri; 9=Konkani; 10=Maithili; 11=Malayalam; 12=Manipuri; 13=Marathi; 14=Nepali; 15=Oriya; 16=Punjabi; 17=Sanskrit; 18=Santali; 19=Sindhi; 20=Tamil; 21=Telugu; 22=Urdu; 99=Other language (English) (Values taken from Language Code Directory (CD00.02)) | | | |

MS - Excel

Form : 2.. (Contd...)

Student Data

| 27 | 28 | 29 |
|------------------------|---------------------------|----------------------------|
| Medium of instruction* | Disability, if any*(Na=0) | Facility provided to CWSN* |
| Integer (2) | Integer (2) | Integer (2) |

(27) Medium of Instruction: 1=Assamese; 2=Bengali; 3=Bodo; 4=Dogri; 5=Gujarati; 6=Hindi; 7=Kannada; 8=Kashmiri; 9=Konkani; 10=Maithili; 11=Malayalam; 12=Manipuri; 13=Marathi; 14=Nepali; 15=Oriya; 16=Punjabi; 17=Sanskrit; 18=Santali; 19=Sindhi; 20=Tamil; 21=Telugu; 22=Urdu; 99=Other language (English) (Values taken from Language Code Directory (CD00.02))

(28) Disability: NA=0, Visual(Blindness)=1, Visual (Low-vision) = 2, Hearing impaired=3, Speech=4, Locomotor=5, orthopedic=6, Mental Retardation=7, Mental illness=8, Learning disability=9, Cerebral palsy=10, Autism=11, Multiple Disability=12, Leprosy=13, Other=14

(29) Facility Provided to CWSN: Na=0, Brail Books = 1, Brail Kit = 2, Low Vision Kit = 3, Hearing aid = 4, Braces = 5, Crutches = 6, Wheel Chair = 7, Tri Cycle = 8, Caliper = 9, Other = 10

MS - Excel

Form : 2.. (Contd...)

Student Data

| 30 | 31 | 32 | 33 |
|--|---|---|--|
| Free Transport Facility (NA=0,yes=1, No=2)for CWSN | Free Escort Facility (NA=0,yes=1, No=2)for CWSN | Current Address (Address with - House Number/Door Number/House Identifier /Flat Number - Building Name / Building Number - Plot Number / Building Identifier -- Stairwell / Lift Number City / District, State, PIN Code) | Permanent Address (Address if not the same as current address with - House Number/Door Number/House Identifier /Flat Number - Building Name / Building Number - Plot Number / Building Identifier -- Stairwell / Lift Number City / District, State, PIN Code) |
| Integer(1) | Integer(1) | Varchar(254) | Varchar(254) |

| MS - Excel | | | | | | | | | |
|------------------------------|-------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Form : 3 | | Class Assignment Details | | | | | | | |
| Subject | Class | Jan | | | | February | | | |
| | | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Use subject code as in UDISE | | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment | Brief detail of the Assignment |

(2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8, Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17, Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25, Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0]

Subject : **Integer(2)**
Weekly Assignment of Each Month : **Varchar(300)**

| MS - Excel | | | | | | | | | |
|---------------|----------------------------|--|-----------------------------|--|-------------|-----------|-----------------|----------|--|
| Form : 4 | | | | | | | Subject Teacher | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 | |
| Sl.No (UDISE) | Subject (code as in UDISE) | Class (1,2,3,4,5,6,7,8,9,10,11,12,0-pre primary) | Section (A / B / C / D / E) | Subject Teacher's Name (First-Middle-Last) | | | Mobile Number | Email_id | |
| | | | | First Name | Middle Name | Last Name | | | |

Subject Code (as per UDISE) : **Integer(2)**
Sl. No. (UDISE) : **Integer(3)**
Class : **Integer(2)**
Section : **Char (1)**
First Name : **Varchar(30)**
Middle Name : **Varchar(30)**
Last Name : **Varchar(30)**
Mobile Number : **Char(10)**
Email – ID : **Char (254)**

| MS - Excel | | | | | | | | |
|-----------------|---|-----------------------------------|---|----------------|-----------|------------------|----------|--|
| Form : 5 | | | | | | Class Teacher | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | |
| S.No (UDISE) | Class (1,2,3,4,5,6,7,8, 9,10,11,12, 0-pre primary) | Section (A / B / C / D / E) | Class Teacher's Name (First-Middle-Last) | | | Mobile Number | Email_id | |
| | | | First Name | Middle Name | Last Name | | | |
| Class | | | : Integer(2) | | | | | |
| Sl. No. (UDISE) | | | : Integer(3) | | | | | |
| Section | | | : Char (1) | | | | | |
| First Name | | | : Varchar(30) | | | | | |
| Middle Name | | | : Varchar(30) | | | | | |
| Last Name | | | : Varchar(30) | | | | | |
| Mobile Number | | | : Char(10) | | | | | |
| Email – ID | | | : Char (254) | | | | | |

| MS - Excel | | | | | | | |
|--------------------------------------|--|--|--|---|--|--|--|
| Form : 6 | | | | | | Lesson Plans | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Subject (use code as in UDISE) | Class (1,2,3,4, 5,6,7,8, 9,10,11, 12, 0-pre primary) | Month 1 Please specify according to academic Calendar /Jan/ April/ July | Month 2 Please specify according to academic Calendar /Feb/ May/ August | Month 3 Please specify according to academic Calendar /Mar/ June /Sept | Month 4 Please specify according to academic Calendar /April/ July/ Oct | Month 5 Please specify according to academic Calendar /May/ Aug/Nov | Month 6 Please specify according to academic Calendar June/ Sept/ Dec |
| | (2) = Subjects : [All subjects=1, Language=2, Mathematics=3, Environment studies=4, Sports=5, Music=6, Science=7, Social studies=8, Accountancy=10, Biology=11, Business Studies=12, Chemistry=13, Computer Science=14, Economics=15, Engineering Drawing=16, Fine Arts=17, Geography=18, History=19, Home Science=20, Philosophy=21, Physics=22, Political Science=23, Psychology=24, Foreign Language=25, Botany=26, Zoology=27, Art education=91, Health & physical education=92, Work education=93, other=0] | | | | | | |
| Subject | | | : Integer(2) | | | | |
| Lesson Plan of Each Month | | | : Varchar(300) | | | | |

Data Validation by State / District

After Data Entry in Excel (.xls) file , the state should verify the coding data from UDISE database on following parameters :

- (a) UDISE code of Schools
- (b) Subject Code
- (c) Mother Tounge
- (d) Sl. No. of a Teacher **(Most Important)**
- (e) Class
- (f) Disability Type

Data Submission

After Data Entry , State can submit data CD in **.xls (Excel)** format with **the following certificate** :

- (a) **The Coding Values provided in the sheet is as per UDISE database**
- (b) **No. of record in each table / excel sheet**
- (c) **No. of School (for which data have been captured)**
- (d) **No. of Student (for which data have been captured)**
- (e) **Summary of Enrolment by Class / Social Category / Gender**
- (f) **No. of Teacher (for which data have been captured)**



Annexure VII :

Presentation of Group Work Plans - Group 1

Mission Mode Project
Shaala Darpan

Group First

Work Plan for 15 Days

1. A meeting with the Staff and SDMC members .
2. E-mail address of the Principal and at least one staff member.
3. Class I/Cs and SDMC members to provide information regarding students (to fill up the format).
4. Class teachers / Subject teachers details.
5. Other information regarding school.

Work Plan for One Month for digitalization

1. Meeting with the Staff and SDMC members in the first week.
2. In the first week start collecting information/data from the students.
3. With in 15 days complete digitalization (Teacher's detail, Student's detail etc.
4. Review and verification.

Data Collection

1. Teacher's details from the Employee ID at Pay Manager.
2. School's details from UDISE.
3. Student's details from school record.

Role of the Principal

1. To call the meeting and distribute the work.
2. To motivate the parents to provide the essential details the scheduled time.
3. To check the daily progress.
4. To clear the doubts.
5. To review and verify.

Role of SDMC

1. To aware the parents about the project.
2. To provide the relevant information in the scheduled time.
3. To provide the budget if required.



- Class Assignment Detail from the teacher's dairy.
- "Thanks all of You"



Annexure VIII :

Presentation of Group Work Plans - Group 2

Shaala Darpan
Plan for
Implementation
Group II

Group Members

1. Asha Soni, Principal, Rohat GGHSSS, Pali
2. Subhash Chandra Yadhav, Principal, Alwar
3. Jagedish Kaushal, Principal, Hamirpur
4. Mrs. Raksha Singh
Principal, Bikanar
5. Mool Raj, Principal, Himachal
7. Subhash Chand, SMC, HP
8. OM Prakash, HP
9. Jiya Lal Regar, Senior Teacher
10. Poonam Jindal, Pawanpuri, Bikaner
11. Renu Tiwari, SMC Member, Rohat

Planning – Implementation of Shaala Darpan

Plan to Implement Shaala Darpan in 1 month in Government Girls
Senior Secondary School, Rohat, Pali

Data entry by Computer teachers of the School year round

Week 1 – Introduction to Shaala Darpan To Various Stakeholders

| Steps | Duration |
|---|------------|
| Staff meeting on Shaala Darpan Programme - Introduction to Shaala Darpan - Discussion about roles and responsibilities to implement Shaala Darpan | 4 Aug 2014 |
| SMC Meeting about Shaala Darpan - Introduction to Shaala Darpan - Discussion about roles and responsibilities to implement Shaala Darpan | 7 Aug |

Week 2 – Data Collection Planning and Allocation of Duties

| Steps | Duration |
|--|------------------|
| Allocation of Duty For eg; total number of students in the school = 600 Total number of teachers = 20 $600/20 =$ Data of 30 students to be collected by 1 teacher | 11 Aug 2014 |
| Data Collection relating to in Hard Copy by all the teachers <ul style="list-style-type: none"> • Students Data • Subject Teacher Data • Class Teacher Data | 12 - 15 Aug 2014 |
| Attend to the problems and issues relating to Data Collection raised by the teachers | 16 – 17 Aug 2014 |
| For eg; Unavailability of Parents at home during the data collection week. Address the issue by approaching Panchayat Samiti and ward members for required data | |
| Verification of the data by Administration Staff and Entry | 18 Aug 2014 |

Week 3 – Data Collection relating to Lesson Plans

| Steps | Duration |
|--|------------------|
| Preparation of Class-wise Lesson Plans by subject teachers | 21 – 23 Aug 2014 |
| Updating the monthly lesson plans | |
| Verification of lesson plans by Principal | 24 – 25 Aug 2014 |

Week 4 – Data Collection relating to Assignments

| Steps | Duration |
|--|------------------|
| Teachers to submit assignment plans with reference to the lesson plans | 28 – 30 Aug 2014 |
| - For internal verification by Principal | |
| Year round data entry by teachers relating to the weekly assignment by the student | Jan - Dec |

Query

- ▶ Data Format
 - ▶ The format is Jan to Dec but the academic year starts from July
 - ▶ Can we change the format to academic Year

- ▶ What is the frequency of Updation of Data
 - ▶ Any change in Lesson Plans
 - ▶ Any change in teachers/Principals

Annexure IX :

Presentation of Group Work Plans - Group 3

Implementation of Shaala Darpan Project

- Form 1 (School Details)
- Form 2 (Student Data)
- Form 3 (Assignment Details)
- Form 4 (Details of Subject Teacher)
- Form 5 (Class Teacher Details)
- Form 6 (Lesson Plan: Month/Week)

****Deadline : 31 August 2014**

Resource Availability

- Student Strength = 300
- Teacher Strength = 13
- Non ICT Aware Teacher = 4
- Teachers with eyes related Problem= 2
- Retirement deadline for one teacher is one month
- System available = 3 (only two are in working condition)

- **First Step (1st week)**

- General meeting with staff for implementation planning
- Meeting with staff who are not aware of ICT for the motivation
- Involvement of SDMC for the monitoring
- Defining the Advantage of Digitalization
- Defining the Scope of improvement
- Motivating staff/ SDMC members to achieve the targets
- Entry of available school data as FORM 1/FORM 3

- **Step 2 (2nd Week)**

- Distribution of work assignments to all teachers (including ministerial staff)
- Collection of Aadhar Card + teacher data of newly appointed teacher
- Entry of data in FORM 2

- **Step 3 (3rd week)**

- Entry of class teachers as described
- Entry of subject teacher as described

- **Step 4 (week 4)**

- Entry of lesson plan for the month/ week (academic calendar)

- **Problems :**

- First terminal exams (Solution : can be solved with proper time management)
- Internet connectivity (Solution : approach to concerned agency with help of SDMC)
- Lethargic Attitude (Solution: time to time motivation)
- Computer System related issues (Solution: insuring proper maintenance of system)
- Entry of improper data (Solution: cross checking)
- Electricity issues/ failures (Solution: Ensure proper supply with help of SDMC or substitute arrangements)

Final Step

- **Step 5: (Week 5)**
 - Proper checking of data entered by the concerned teacher/ staff
 - Submission of data to District

Annexure X :

Presentation of Group Work Plans - Group 4

AUGUST 2014

- 3 VALIDATION OF STUDENT DATA
- 4 OBTAIN WEEKLY LESSON PLANNING FROM SUBJECT TEACHER UPTO 16-08-2014
- 5 ENTRY IN ALL FORMET UPTO 31-08-2014 WITH THE HELP OF CLARICAL STAFF

- SEPTMBER 2014
- 1CORRECTION OF STUDENT DATA FOR 30-09-2014
- 2 MONTHLY CORECTION IN ALL FORMAT IF ANY



Annexure XI :

Presentation of Group Work Plans - Group 5

**SHAALA DARPAN
WORKSHOP
MMP IN EDUCATION-**

OBJECTIVES

- Enabling improved delivery of ICT based learning support to students and Teachers.
- Improvement in efficiency of school governance.
- Implementation of national policy on ict in school Education

CORE FOCUS AREAS:

- STUDENTS
- TEACHERS
- PARENTS
- ADMINISTRATION
- COMMUNITY
- SDMC.

DUTIES AND RESPONSIBILITIES OF PRINCIPAL

- Record the details of the school such as student strength, Area of the school, Staff strength, School at a glance etc.
- Maintain the student records for all students such as student profile, parents profile, sibling details, attendance, marks-sheets etc.
- Manage school staff details.
- Provides reports for School Management & Administrators.
- SMS and e-mail to parents.

CONT.....

- Maintain communication with Parents, Management committee members regarding the total school program.
- Establish a climate in which Teachers students and staff can develop self discipline..
- For the smooth running and development of school, Principal should be close with the school managing committee.

Contd.....

- The Principal should work together with the teachers to improve the “learning environment”
- He should try to develop the ability of the staff to work and think together.
- To improve the quality of teaching and learning in the Teacher-Student system the Principal should pay regular visits to the different classes in which the teachers are engaged.
- Principal can establish himself as a real Educational Leader only through the use of democratic process and on the basis of the quality of his contributions.

UPTO 30TH SEPTEMBER 2014

- Updation or correction of datas if any.
- Class assignment subject-wise.
- Data feeding.
- Data verification of feeding datas.

ACTION PLAN

- Meeting of staff members and SDMC members.
- Work distribution.
- Data collection of students and Teachers.
- Data verification.
- Annual plan of each subject and each teacher.

Annexure XII :

Presentation of Group Work Plans - Group 6

WORK PLAN TO DATADIGITALIZATION

1. STAFF MEETING 19.7.14
2. SDMC MEETING 31.7.14
3. ANNOUNCEMENT IN ASSEMBLY ABOUT THE PROJECT 19.7.14
4. TEACHER PARENTS MEETING 1.8.14 AND 18.8.14
5. CONTACT LOCAL BODY 2.8.14
6. DEPARTMENT SUPPORT
7. COMPILATION OF DATA 30.8.14

STAFF MEETING

- 1. GENERATE A POSITIVE ENVIRONMENT
- 2. PREPARE STAFF TO CONTRIBUTE IN THE PROJECT
- 3. MAKE AWARE THE STAFF ABOUT THE BENEFITS OF THE PROJECT
- 4. COLLECT DATA UPTO 30.7.14
- 5. GENERATE SOFT COPY UPTO 15.8.14
- 6. THE JOB WILL BE DONE WITH THE SCHOOL TEAM INCLUDING CLASS TEACHERS AND MINISTERIAL STAFF

MORNING ASSEMBLY ANNOUNCEMENT

- ALL THE STUDENTS WILL BE ASKED TO BRING THEIR DOCUMENTS

PROGRESS OBSERVATION

- ALL THE PROJECT WORK PROGRESS WILL BE MONITORED BY HEAD OF INSTITUTION ON EVERY THIRD DAY.

SDMC MEETING

- 1. TO MAKE AWARE THE MEMBER ABOUT THE PROJECT
- 2. TO ASSIGN DUTY TO MAKE AWARENESS ABOUT THE PROJECT
- 3. TO ASSIGN DUTY TO VERIFY THE DATABASE
- 4. THE DATABASE WILL BE VERIFIED FROM SDMC UPTO 20.8.14

TEACHER PARENTS MEETING

- THE MEETING WILL BE CALLED ON 1.8.14 AND THE MEMBERS WILL BE ASKED TO PROVIDE NECESSARY DATA
- THE DATABASE WILL BE VERIFIED IN 18.8.14 MEETING

LOCAL BODY CONTACT

- THE LOCAL BODY BE CONTACTED TO PROVIDE VARIOUS DATA THAT WILL BE PROVIDE BY THEM UPTO 6.8.14

DEPARTMENT SUPPORT

- LESSON PLAN CAN BE PROVIDED FROM DEPARTMENT
- THE JOB TO PREPARE LESSON PLAN WILL BE ASSIGNED TO COMMON EXAM COMMITTEE WITH DEADLINE 15.8.14

COMPILATION OF DATA

- COMPILATION OF DATA AT SCHOOL LEVEL UPTO 20.8.14
- COMPILATION OF DATA AT DISTRICT LEVEL 30.8.14
- COMPILATION OF DATA AT STATE LEVEL 15.9.14

Annexure XIII :

Quality in School Education by Ms. Parkavi Kumar

CONTENTS

- About CIPS
- How to scout for information on Innovative Practices?
- Quality in Education
 - MP Education Portal – Improving the efficiency of school education administration
 - KSQAAC – Improving the quality of education



ABOUT CIPS

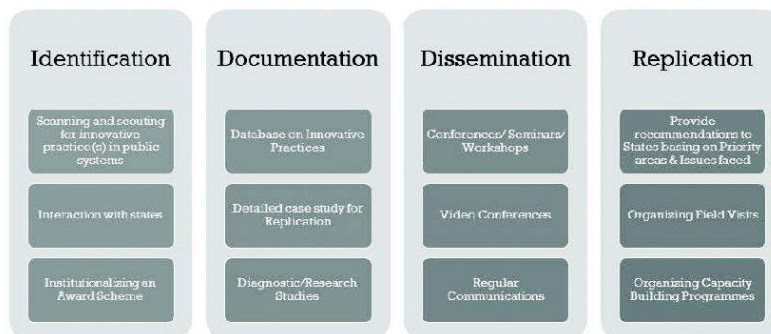
- Set up in May 2010 as an Autonomous Organization in pursuance of the recommendations of the XIII Finance Commission
- works with State, Central and District level Government Departments and Functionaries in developing policies and practices for promoting an innovative culture for transforming creative ideas into sustainable practices for improving service delivery.
- The focus areas of CIPS are Education, Health, e-Governance and Urban Governance.

ABOUT CIPS

Mandates relating to Information Capture

- **Scout, scan and track different innovations** at the state as well as at the national level that have positively impacted public service delivery, increased efficiency and led to cost reduction.
- **Create a public domain inventory of innovations** in public systems, government departments for the purpose of knowledge management and diffusion of innovations.
- **Facilitate pursuit of diagnostic studies** to identify possible barriers that block innovation and also factors that facilitate innovations in public systems.
- Develop a body of knowledge including **research based case studies, comparative analyses of innovations** and experience of their diffusion within and across the states using multimedia and multi-language learning materials for becoming more innovative in the delivery of public services.

ABOUT CIPS



SCOUTING FOR INNOVATIVE PRACTICES



CIPS DATABASE

- How to access CIPS database ?
 - [CIPS Database](#)
- CIPS has identified and prepared a database of **325 innovative practices** (**Education – 116, Health – 70, e-Governance – 70 and Urban Governance – 72**).
- [CIPS Database Books](#)



CIPS CASE STUDIES

- CIPS has so far published **17 Detailed Project Reports for the purpose of Replication**.
- These documents have been prepared in house and in association with organizations such as ASCI-Hyderabad, One World Foundation-New Delhi, ACCESS Healthcare- ISB, Hyderabad, Medium Healthcare Consulting-Hyderabad and Anusandhan Trust-Mumbai.
- Another 16 process documents are currently being reviewed.
- These [documents are published online for open access in CIPS website](#)



MADHYA PRADESH EDUCATION PORTAL

EDUCATION PORTAL OF MADHYA PRADESH

- Launched in 2008
- Jointly by Government of MP and NIC, Bhopal
- Harmonization of various administrative units of Education Sector under a single platform for information management
- Enables seamless integration of all data, subsystems and mechanisms in a way that stakeholders can monitor the fulfillment of the RTE act in every school.

THERE ARE THREE DISTINCT FEATURES

- A non-linear approach in integrating all the stakeholders relating to School Education
- Creation of dependence on payroll to ensure constant updation of the database
- Open access to reports and Selective password-protected accessibility of Information



A NON LINEAR APPROACH TO INTEGRATE OTHER FUNCTIONARIES RELATING TO SCHOOL EDUCATION

- Education departments
- District Education Officers
- Block Resource Coordinator/ Block Education Officer
- Cluster Academic Coordinators
- **Drawing and Disbursing Officers (HMs)**
- Principals
- Teachers
- Students
 - OOSCs
 - CWSNs
- Civil Engineers
- Guest Faculty
- KGBV wardens
- CPI
- CTD
- Officers who conduct school inspections



DEPENDENCE ON PAYROLL TO UPDATE DATABASE



Principals of HSS designated as DDOs

DDOs generate salary slip of all employees in schools falling within their periphery and send the pay bill to treasury

The generation of salary slips is done through portal

Treasury officer sends cheque for the consolidated amount to the DDO

Upon the receipt of cheque, the amount is credited to the government bank account

The DDO then credits the salary through the portal

OPEN ACCESS TO REPORTS AND SELECTIVE PASSWORD-PROTECTED ACCESS TO INFORMATION

- The user is allowed to use of various modules and its functions as per the role & authorization.
- • Role can be Admin, Approver, Data Entry
- For eg,
- 1. Online School Portal of MP – Information relating to schools, Teachers and contact details of Principals are available without registration.

KARNATAKA SCHOOL QUALITY ASSESSMENT AND ACCREDITATION COUNCIL

ASSESSMENT PATTERN

| Type of School | Total Number of Schools in Karnataka | Number of Schools Assessed | Total number of Students | Number of students assessed |
|----------------|--------------------------------------|----------------------------|--------------------------|-----------------------------|
| Upper Primary | 22,481 (Primary with Upper Primary) | 612 | 2,899,265 | 59,876 |
| High Schools | 443 (upper primary+secondary) | 408 | 41138 | 35,992 |

KARNATAKA SCHOOL QUALITY ASSESSMENT AND ACCREDITATION COUNCIL

- KSQAAC, an autonomous body set up in Nov 2011
- KSQAO established in 2005 has been transformed to KSQAAC
- Objectives
 - To access and accredit primary schools
 - To Promote quality of school and schooling
 - To Collaborate all stakeholders for planning and implementing quality initiatives in school
 - To ensure progressive community involvement for the betterment of schools

KARNATAKA SCHOOL QUALITY ASSESSMENT AND ACCREDITATION COUNCIL

- Assessment Criteria
 - School Assessment (40%)
 - Physical Environment and Facilities (20%)
 - Learning Environment (60%)
 - Leadership (10%)
 - Community Participation (5%)
 - Innovative Activities (8%)
- + Assessment
of
Student learning (60%)

KARNATAKA SCHOOL QUALITY ASSESSMENT AND ACCREDITATION COUNCIL

- Steps involved in Assessment
 - Self-assessment
 - The schools were given an opportunity to assess their own schools as complementary to external assessment
 - External Assessment
 - Three evaluators per school observed all the activities of the selected schools and classroom interaction for 3 days and assigned the scores
 - Assessment of Students learning
 - 30 competencies in each subject
 - 20 MCQ
 - 10 questions towards comprehension

GRADING AND ACCREDITATION

| Sl. No. | Percentage Obtained | Grade assigned |
|---------|---------------------|----------------|
| 1 | 90% and above | A+ |
| 2 | 80% to 89.9% | A |
| 3 | 70% to 79.9% | B+ |
| 4 | 60% to 69.9% | B |
| 5 | 50% to 59.9% | C |
| 6 | 40 % to 49.9% | C+ |
| 7 | Less than 40% | D |

INTERNAL QUALITY IMPROVEMENT CELL

- Establishment of IQIC-internal quality improvement cell at all levels –school ,cluster, block, district, division and state
- Functions
 - Examine the school wise report
 - List out the needs of the school
 - Compare self assessment report with external assessment
 - Identify the deficiencies
 - Identify the competency wise higher achieved and lower achieved
 - Prepare school wise action plan
 - Strive for over all achievement of children and of children and improve the quality of education



ORGANIZATION OF IQIC

| | | |
|----------|----------------|-----------|
| school | HM | Weekly |
| Cluster | CRP | Fortnight |
| Block | BEO | monthly |
| District | Principal DIET | monthly |
| Division | Principal CTE | Quarterly |
| State | KSQAAC | Quarterly |



EDUCATION QUALITY MONITORING CELL (EQMC)

- Government of Karnataka allocated 2 crore towards setting up of Education Quality Monitoring Cell – Jan 2014
- The administrative expenses will be met by SSA administrative expenses
- The cell is expected to hold meeting once a month to follow up on initiatives relating to quality in Education
 - Give guidance based on the gaps identified
 - Identify priority areas for quality of education
 - Devise an action plan

SUMMARY

- Quality in School Education
 - MP Education Portal
 - Improving the efficiency of school education department by
 - Integration of various education administrative units under one roof
 - Eliminating unnecessary paper work
 - Making real-time data available for public scrutiny
 - Karnataka School Quality Assessment and accreditation council
 - Improving the quality of schools, school administration, teaching and learning
 - Defining the quality levels required in schools
 - Listing the attributes
 - Providing the weightage based on the priority areas of the state
 - Assessment of where each school stands
 - Devise a plan for step-wise improvement
 - Recognition



**Centre for Innovations
in Public Systems (CIPS)**

THANK YOU

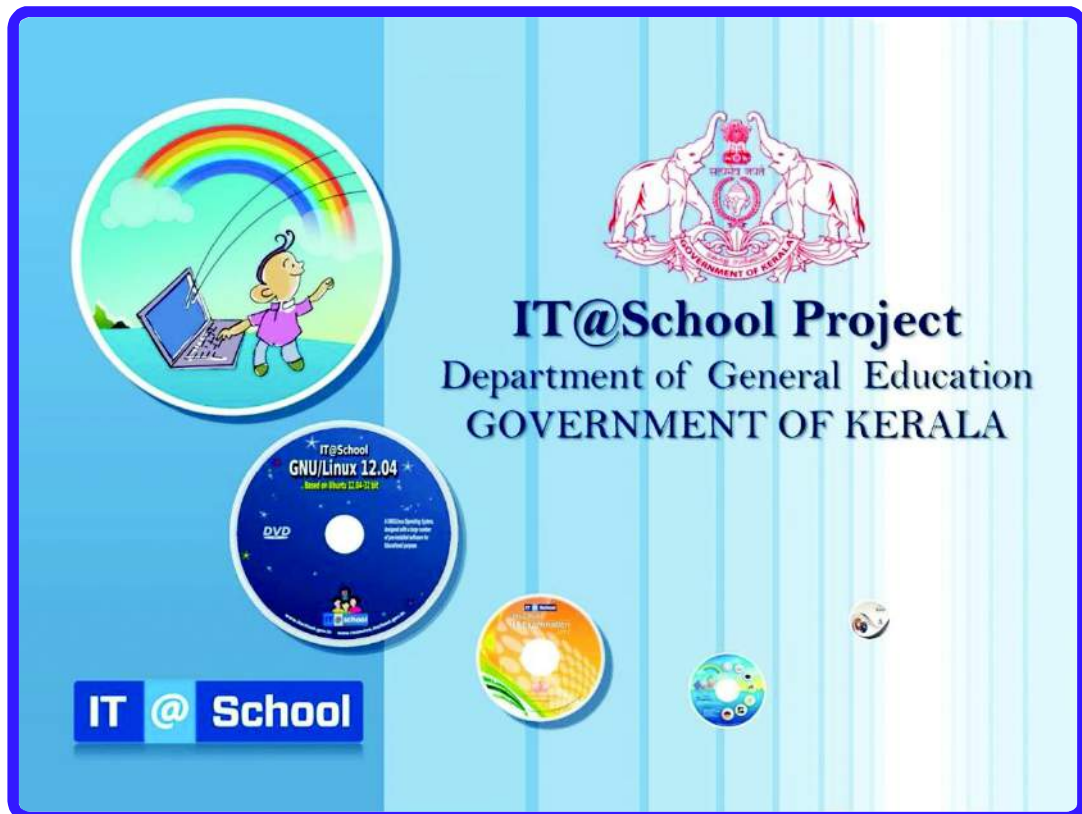


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Annexure XIV :

ICT for Governance by Mr. Babu Sebastian





ICT for Learning



- IT as a subject for Std VIII, IX & X
- IT Text Book for VIII, IX & X
- IT Examination for VIII, IX & X
- IT Practical Exam for VIII, IX & X
- ICT Enabled learning in HS & HSS

IT @ School
www.itschool.gov.in

ICT for Learning – Infrastructure



- Computer Lab in all High Schools
- SMART CLASS for HS , HSS & VHSS


IT @ School
www.itschool.gov.in

ICT for Learning – Teacher Training

Project strength

- 14 District IT Coordinators
- 139 Master Trainers
- 5600 School IT Coordinators


Trained Teachers for IT in High Schools



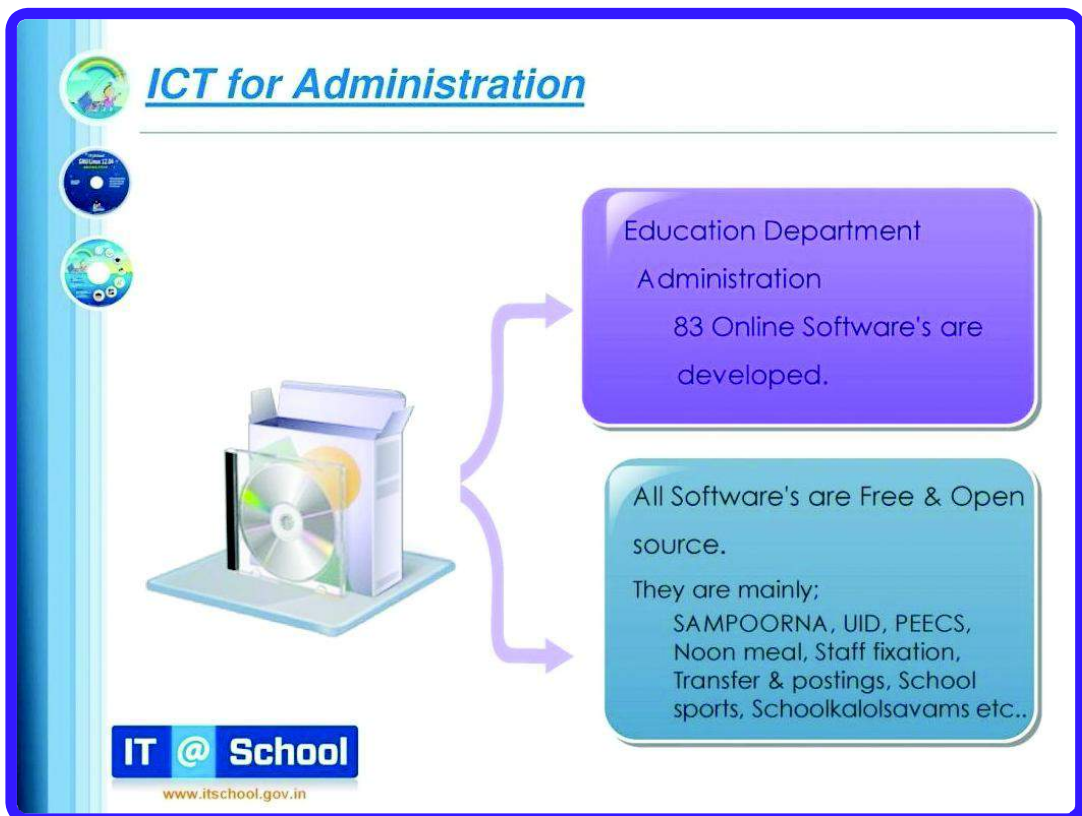
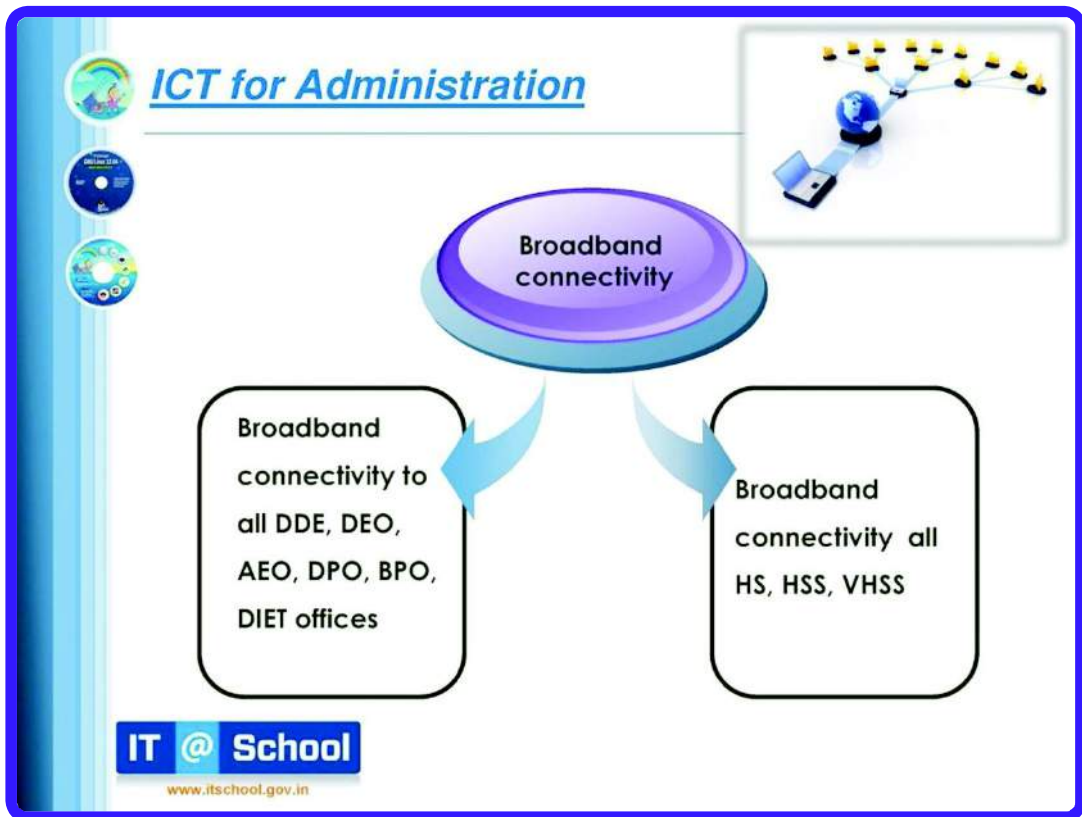
IT @ School
www.itschool.gov.in

ICT for Personalised Learning of Students

- Free & Open Learning Web Portal www.resource.itschool.gov.in
- All Learning contents are developed with Free software
- Animated Content uploaded by students & teachers
- Facility for anyone anywhere any time learning



IT @ School
www.itschool.gov.in




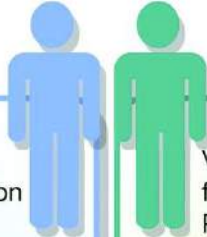

VICTERS – The Complete Educational Channel

- Exclusive Educational Programmes for 17 hours daily
- Entrance Coaching Programmes (PEECS)
- Special exam oriented programmes
- Live streaming of VICTERS – www.victers.itschool.gov.in
- Live Phone in Programme for Mathematics & Science

IT @ School
www.itschool.gov.in

VICTERS

ICT for Governance

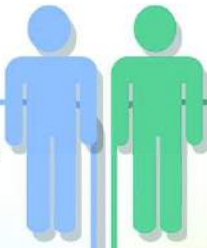



Planning, Budgeting, Monitoring & Evaluation of General Education Department with the support of ICT


Video Conferencing facility from State Project office to District Headquarters for Monitoring & Evaluation

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ICT for Governance





- DRCMS – Online accounting & finance Management system
- TMS – Online Training Management System



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Other ICT based student centric activities



IT @ School
www.itschool.gov.in



On going Projects



ICT enabled learning for Std VIII to XII



- ❑ Companion webpage development (e-text, animations, Graphics, Simulations and monitoring & evaluation tool with infotainment)

New Web portal for IT@School for

- ❑ Complete data collection of all Students, Teachers & School
- ❑ Interactive multimedia content uploading for anyone, anytime, anywhere learning from Std VIII to XII & VHSE

IT @ School

www.itschool.gov.in



On going Projects



10 mbps VPN connectivity between State offices & District Offices

Multi Media Classroom with Wi-Fi campus

Smart Classroom for all HS & HSS

Extension of IT learning to HSS & VHSS

IT @ School

www.itschool.gov.in





On going Projects



Virtual Private Network over BroadBand

2 mbps VPN connectivity with unlimited internet facility to all HS, HSS & VHSS
256 kbps broadband internet connectivity to all primary schools



Hardware Clinics in selected 30 Vocational Higher

Secondary schools including Diploma in ICT hardware course.



Permanent Teachers Training Centers in 28 locations of State

with Video Conferencing facility

IT @ School

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....to know more....

www.itschool.gov.in

www.victers.itschool.gov.in

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Thank You!

IT @ School