

प्रोजेक्ट उत्कर्ष

an initiative by **Moinee Foundation**
Freedom by Knowledge



District : Jhalawar, Rajasthan

Schools in Scope: 127 Govt. Sec. Schools with ICT

(Annual Progress Report 2015-2016)

JOINTLY EXECUTED BY :



**District Administration
Dept. of Sec. Education, Jhalawar**

**Kalisindh Super Thermal Power Project
Jhalawar**

**Moinee Foundation
Jaipur**



प्रोजेक्ट
उत्कर्ष

VASUNDHARA RAJE
CHIEF MINISTER RAJASTHAN

Message

I am glad to learn that the ICT infrastructure provided in government schools through Project Utkarsh has served its purpose by way of enhancing e-learning and empowering students from rural and tribal areas.

Such unique methodology of converting ICT lab into smart classroom through quiz-based learning system definitely makes formal education more interesting and innovative. The visible changes in the students around their ease of technology use, learning, confidence and attitude would surely encourage others to adopt this initiative.

I wish this program to continuously expand across all government schools in Rajasthan and continue to set new benchmarks for quality education in the state.

Further I congratulate Jhalawar District Administration, Education Department and Moinee Foundation, Jaipur on successful completion of the first year of Project Utkarsh in the district. I wish the Project the very best.

(Vasundhara Raje)



दुष्यंत सिंह
संसद सदस्य (लोकसभा)
झालावाड़ - बारां

Message

It is nice to see that Project Utkarsh has grown from pilot of 7 schools to all 127 ICT schools of the district and providing the exposure of ICT to students and teachers. Exposure to Information & Communication Technology (ICT) for Teachers & Students is necessary for excellence in education. My congratulations to all key stakeholders for their commendable work pioneered in Jhalawar District through Project Utkarsh.

In recent years there has been a growing interest to know how computers and internet can best utilized to improve effectiveness and efficiency of education at all levels and in both formal and non formal settings. As there is a shift of theories explaining learning processes, ICTs become handmaiden for learning activities.

My various interactions with students during schools visits and gramotsav has consistently strengthened my faith in Project Utkarsh and our education department to make sustained positive impact even in deep rural areas.

I am hopeful and confident that Project Utkarsh will not only continue to create an innovative learning environment in Government Schools but also helpful for improvement in scientific temperament of Teachers & Students in years to come.

Dushyant Singh

(Dushyant Singh)



डॉ. जितेन्द्र कुमार सोनी (आई.ए.एस.)

जिला कलक्टर एवं जिला मजिस्ट्रेट
झालावाड़ (राजस्थान)



Message

It is matter of great pleasure for me that Project Utkarsh has successfully completed first year of three year program in Jhalawar District. I express my heartiest congratulation to Department of Secondary Education-Jhalawar, Moinee Foundation-Jaipur, all Teachers & Students and everyone who is directly/indirectly connected with this noble initiative.

I feel immense pride, when I see students from rural background comfortably using latest technology for formal learning. I have a strong belief that through the right exposure of technology at right stages, the education for student can become more engaging and relevant.

I wish to see that every student must get the equal opportunity for E-learning and become empowered student. I am confident that initiatives like Project Utkarsh will be able to fulfil my dream.

Once again I would like to say that it is well started, and we need to go iteration of maturity and improvisation to ensure that no student should be left out from the much needed digital empowerment to be future ready.

(Dr. Jitendra Kumar Soni)



ARVIND THANVI

Chief Mentor, Moinee Foundation

Message

An experience, filled with quality, relevance and interest can only bring the best out of a child. Our job, as facilitator, is to ensure that we create and nurture the environment which builds such experiences.

I feel very humble and proud to witness the positive changes in students and facilitating ecosystem. With more skills and awareness, they should not only experience the change within themselves but further become the source of change in their families and communities.

Such programs, especially to scale up, can only be successful through focused governance and support; for which I would like to thank and congratulate Jhalawar District Administration and Education Department.

On behalf of Moinee Foundation team, I would like to reiterate our commitment to the cause with critical review of our work & continuous improvement in our mind.

The outcomes of first year of the program in Jhalawar have been very encouraging with majority of the first year's quantitative goals being surpassed. The credit for this goes to our executive stakeholders on ground especially the teachers, principals, project coordinators and volunteers.

I extend my heartiest wishes and support to our joint teams to have very fulfilling second year of program in Jhalawar.

A handwritten signature in blue ink, appearing to read 'Arvind Thanvi', written in a cursive style.

(Arvind Thanvi)



R.S. MITTAL

Chief Engineer
Kalisindh Super Thermal Power Project, Jhalawar

Message

I feel immense pleasure to see the implementation of Project Utkarsh in ICT enabled government schools of Jhalawar District to bring qualitative changes in education. Quality education is need of hour and Project Utkarsh is playing important role in it leveraging technology and available ICT infrastructure.

Our association with Project Utkarsh in Jhalawar has been since inception and we are committed to support it under CSR initiatives of our organization for betterment of education. I congratulate to all key stakeholders for successful completion of first year of implementation and hopeful to see more positive changes in education through this project in coming years.

Through this message, I gladly appreciate the teamwork you people have done in the project and I extend my thankful wishes for the same. In addition to it, I also wish you all best of luck for the future projects and assignments to come.

(R.S. Mittal)



SURENDRA SINGH GAUR

District Education Officer (Secondary)
Jhalawar

Message

Project Utkarsh is crucial in knowledge dissemination through Technology and e-learning in Govt. ICT schools. Two important changes which I have observed during the implementation of project in Jhalawar District are; revival & functioning of ICT lab for e-learning, and alignment & smooth interaction of students with technology.

On behalf of Department of Secondary Education, Jhalawar I express my gratitude to State Government, District Administration & Moinee Foundation to select Jhalawar District for project implementation and supporting us in successful execution. In coming years, we are confident to set new benchmark in quality education through Project Utkarsh.

(Surendra Singh Gaur)



DR. VIJAY VYAS

Director, Moinee Foundation

Message

It gives me immense pleasure and proud that Project Utkarsh has successfully completed its one year of District wide implementation in ICT enabled Govt. Schools of Jhalawar District. When we see the excitement of students for e-learning, teacher's dedication for unique pedagogical tool, tremendous support of Education Department for effective execution, able guidance of District Administration for better outcome and upper most the regular motivation of Honourable Chief Minister for excellence in education, we feel that our efforts through Project Utkarsh are heading towards right direction for achieving our objective of "Right to Quality Education".

I am thankful to all stakeholders for their continuous guidance, support & motivation.

(Dr. Vijay Vyas)

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EDUCATION SNAPSHOT OF RAJASTHAN & JHALAWAR DISTRICT

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Title		Year	Details	
			Rajasthan	Jhalawar
Population (in number)				
Rural	2011	51551915	1181838	→ (A)
Urban	2011	17048085	229291	
Total	2011	68600000	1411129	
Literacy (in percentage)				
Men	2011	79.19%	75.75%	→ (B)
Women	2011	52.12%	46.53%	
Rural	2011	62.30%	57.63%	→ (C)
Urban	2011	80.70%	81.09%	
Total	2011	67.06%	61.50%	→ (D)
Govt. Schools and Enrollments (in number)				
Primary Schools	2013	47524	1026	→ (E)
Upper Primary Schools	2013	26750	759	
Secondary Schools	2013	13255	308	
ICT Sec. Schools	2013	6500	127	→ (F)
Enrollments (Primary)	2013	6109582	211074	→ (G)
Enrolments (Upper Primary)	2013	2245274	37008	
Enrollments (Secondary)	2013	1156999	27700	
(A)	83.75 % population of Jhalawar lives in rural areas.			
(B)	Gender ratio in Govt. Secondary schools of Jhalawar District is 100:74 which is much lower than state gender ratio i.e. 100:87 but its better than private schools (100:40)			
(C)	High rate of illiteracy in rural areas.			
(D)	Lower literacy average in comparison of Rajasthan (67.68 %) and India (74.04%) as per census 2011.			
(E)	Jhalawar District comprises 2.05% population of total state's population where as total stake of Jhalawar District in no. of Govt. secondary schools of state is 2.32%			
(F)	49.04% Govt. secondary schools of Rajasthan enabled with ICT infrastructure whereas in Jhalawar it is 41.25% only.			
(G)	Average enrollment in 9 th & 10 th class in Govt. Schools of Jhalawar District is 89, which is 2.25% more than State Average (87), and 14% less in compare to average enrolment in private schools (104) of Jhalawar District.			

* Data Compiled from www.rajshiksha.gov.in, www.statistics.rajasthan.gov.in and www.census2011.co.in

Many government schools have access to technology infrastructure through various schemes, but utilization levels by teachers and students are generally low. In schools where infrastructure is leveraged, implementation has mostly been driven by external agencies rather than the teachers and students themselves. Moreover, there is no effective way for the government to track ICT infrastructure usage or measure the impact on student learning outcomes.

Following are two of the key challenges we are addressing directly or indirectly through tools and methodology:

1. Underutilization of ICT Infrastructure

No robust plan for usage of ICT Labs for E-Learning and Smart-Class

Lack of mechanism to remotely monitor the usage of ICT Labs

Unable to adapt ICT as effective teaching & learning aid

Desired outcomes in quality education are under achieved

2. Lack of Teaching Staff and Student Engagement

Lack of teaching staff at school level

Unawareness about effective usage of latest teaching aids

Insufficient Teaching-Material

Lack of Innovation in Teaching-Learning process

“**Project Utkarsh**” is a mission to bring qualitative and accountable change to mass school education through technology & Quiz Based Learning System.

KEY OBJECTIVES

Self-Learning

Create & provide self-learning study material and interactive tools to students.

Smart-Class

Allowing teachers to use these interactive tools for effective teaching and online assignments.

Performance Benchmarking

Capturing quantitative data to create qualitative performance bench marking of students, teachers as well as school.

Remote Monitoring

Every activity by student & teachers will be captured online and can be remotely monitored on web.

Infrastructure Improvement

As a side effect, schools computer labs will get in good shape. Usage of QuizAcademy will confirm the functioning of lab.

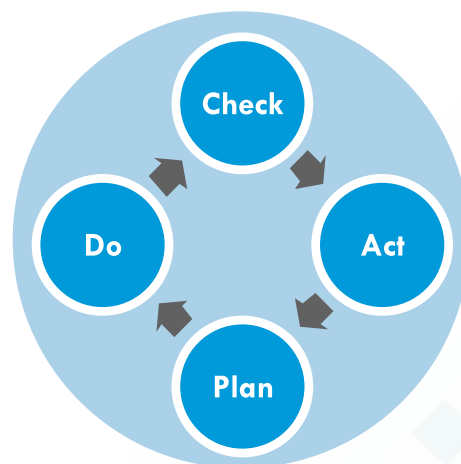
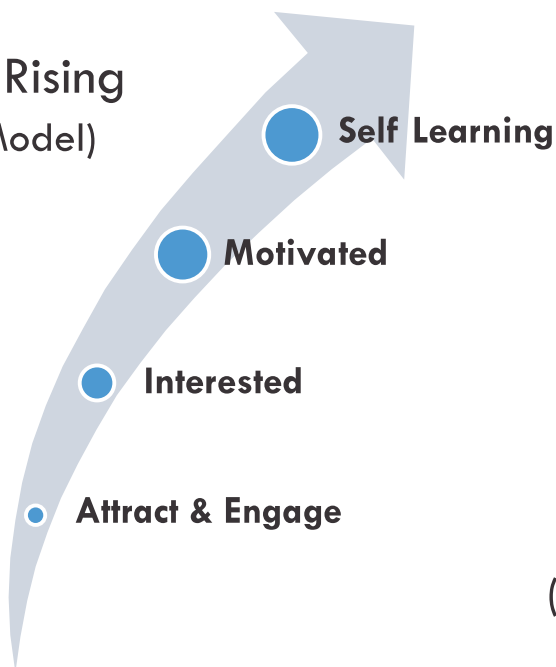
Increased Scientific Temperament

Usage and practice on computer/tablets will drastically enhance the scientific temperament of students, teachers and administrators.

METHODOLOGY & EXECUTION APPROACH

Stages of Rising

(Maturity Model)



Execution Cycle

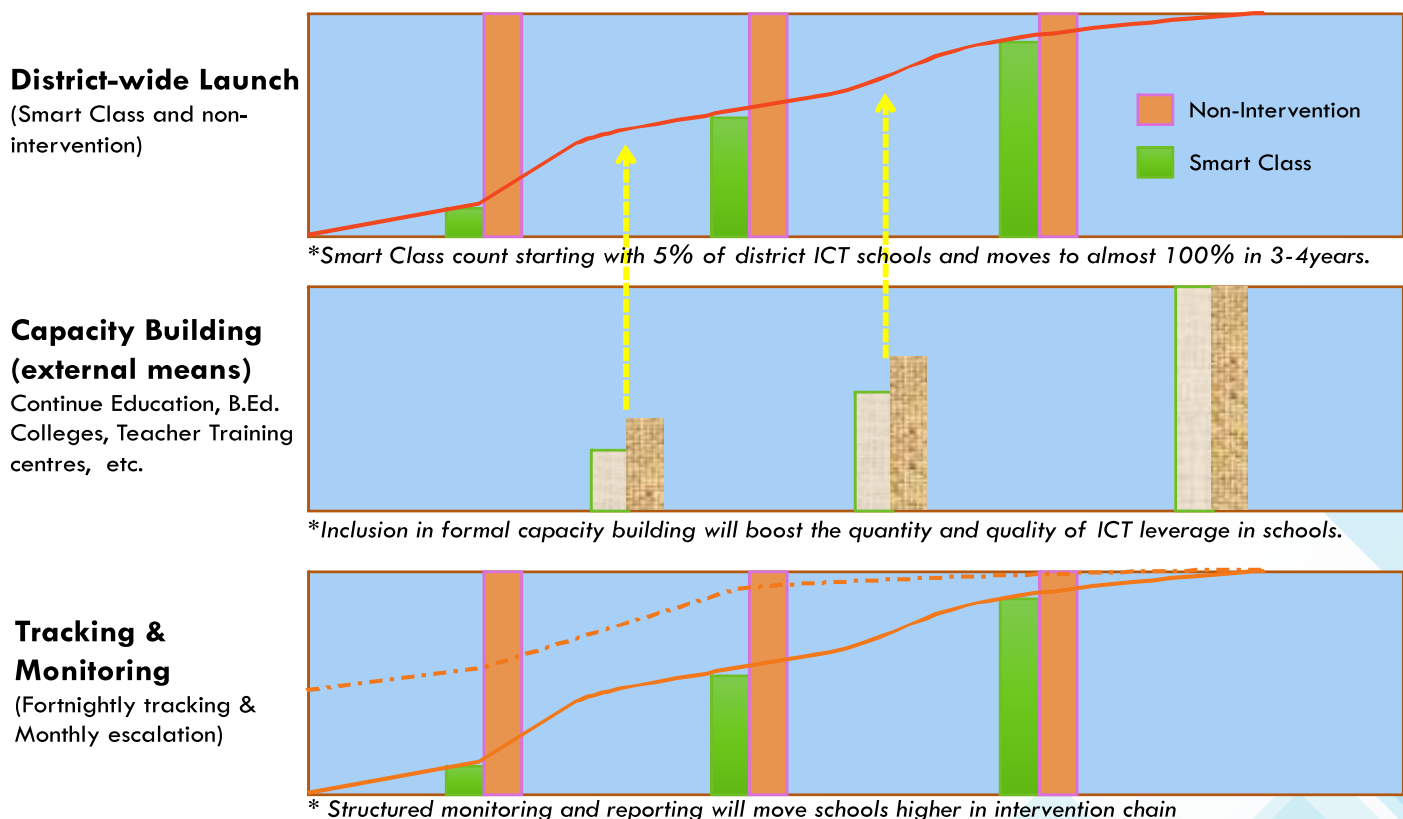
(Continuous Improvement Model)

PROJECT UTKARSH – PILOT PHASE (OCT'14-MARCH'15)



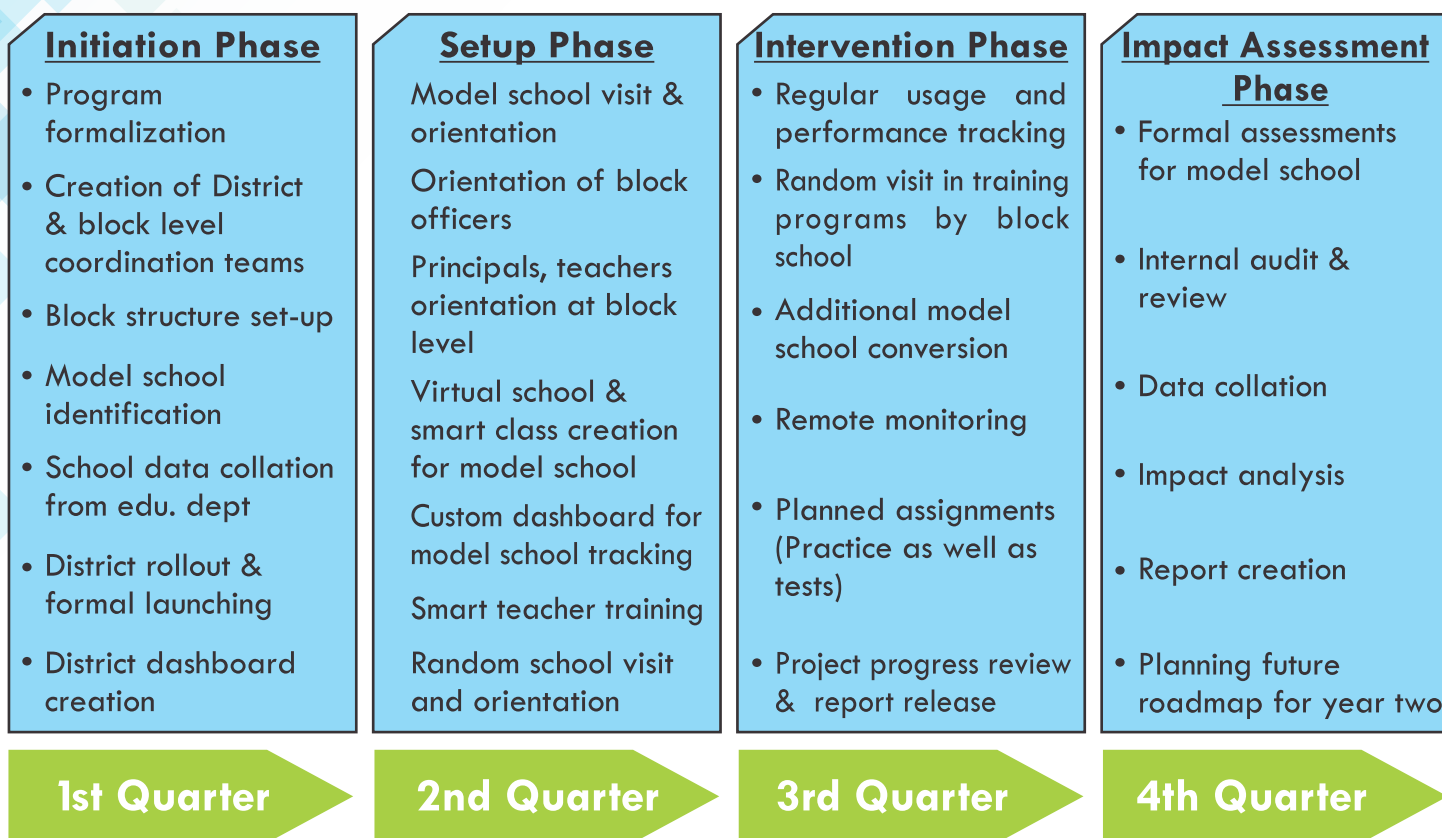
- District Administration & Department of Education, Jhalawar launched Project Utkarsh on 8th October 2014 jointly with Moinee Foundation, Jaipur with support by Kalisindh Super Thermal Power.
- As part of this project, existing class 9 & 10 hindi medium, Rajasthan board interactive quiz based content made available to students in govt. schools.
 - QuizAcademy used as self learning system where student could practice on internet using any device.
 - Quiz Academy is also being used as Smart-Class system by teachers for teaching and online activities & assessments.
- As part of the project, 7 model schools were selected.
 - Students of class 9 assessed for their current knowledge level.
 - Then, QuizAcademy implemented in schools.
 - Finally students re-assessed to observe the improvement.
- After successful implementation of “Project Utkarsh” in 7 model schools it was rolled out for 127 ICT schools of Jhalawar district as a multi-year program to harp the sustained benefits.

MULTI YEAR ROADMAP

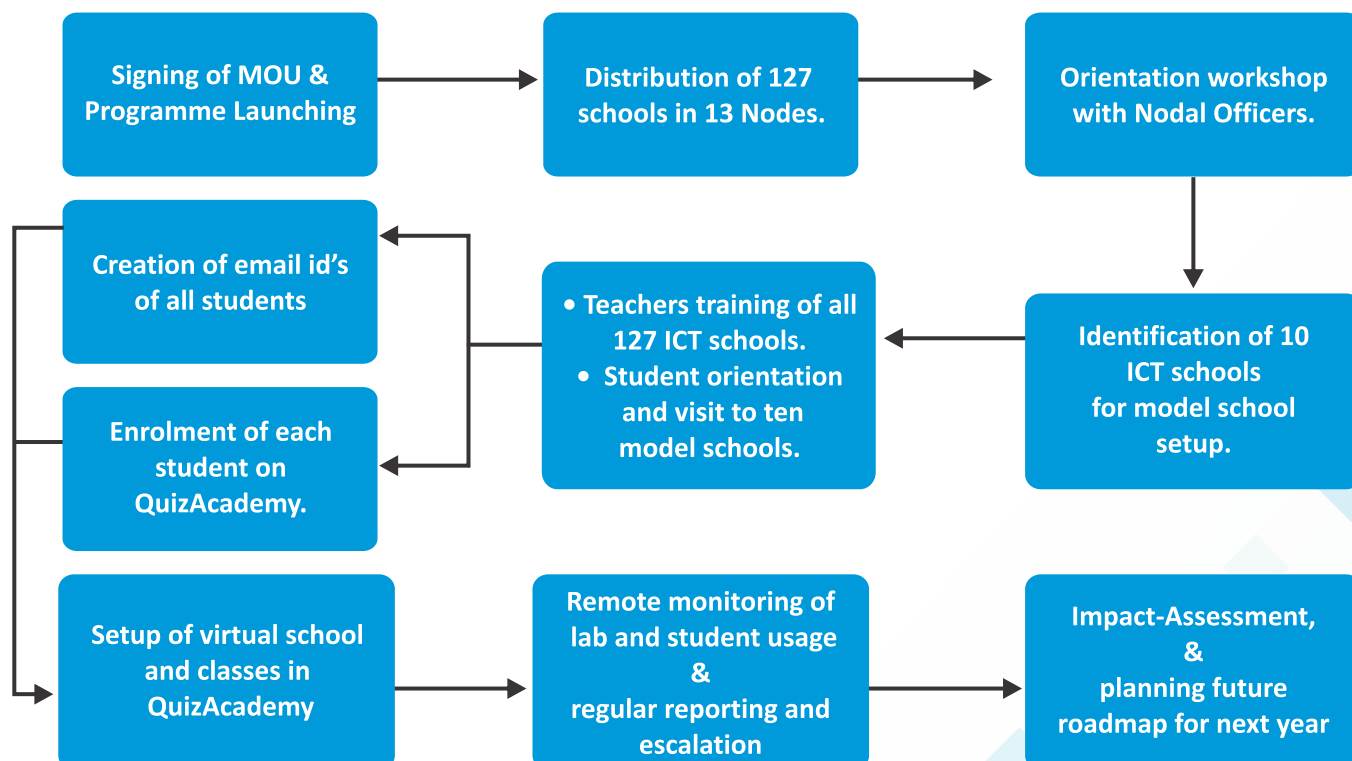


YEARLY ACTIVITIES (2015-2016)

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ROADMAP & EXECUTION PLAN – PHASE 1



TEAM STRUCTURE

S.No.	Team	Member
1.	Chairperson	• Dr. Jitendra Kumar Soni IAS (District Magistrate & Collector, Jhalawar)
2.	Chief Mentor	• Shri Arvind Thanvi (Chief Mentor-Moinee Foundation)
3.	Governing & Administrative Team	• Shri Gaurav Agarwal, IAS • Shri R. S. Mittal (Chief Engineer-KSTPP, Jhalawar) • Shri Surendra Singh Gaur (District Education Officer-Secondary, Jhalawar) • Dr. Vijay Vyas (Director, Moinee Foundation)
4.	Audit & Advisory Team	• Shri O. P. Choudhary (ADEO-Administration) • Smt. Snehlata Chaddha (ADEO-Section) • Shri Vijay M. Vyas (Sr. Advisor, Moinee Foundation) • Shri Vinay Kumar Bissa (Implementation Lead, Moinee Foundation)
5.	Monitoring & Coordination Team	• Shri Prahlad Nagar (District Coordinator-Project Utkarsh, Jhalawar) • Shri Deepak Bhardwaj (Operation Manager, Moinee Foundation) • Shri Manish Kumar Sharma (Asst. Project Manager, Moinee Foundation) • Shri Gaurav Sharma (Project Coordinator, Moinee Foundation)
6.	Nodal- Level Coordination & Execution team	Sh. Balram Patidar, Sh. Shiv Lal Meena, Sh. Liyakat Ali, Smt. Manju Bhatnagar, Sh. Rajendra Prakash Sharma, Sh. Buddhi Prakash Verma, Sh. Ashok Kumar Soni, Sh. Om Prakash Rathore, Sh. Pramod Balsoriya, Sh. Balmukund Potar Sh. Rajendra Kumar, Sh. Sheelesh Sharma, Sh. Manohar Lal, Sh. Vipin Garg, Radheshyam Narota, Sh. Rajendra Kumar Shau, Sh. Sanjeev Paliwal, Sh. Lalit Sahu, Sh. Mukesh Gupta, Sh. Rambilas Meena

OVERVIEW OF KEY ACTIVITIES

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1. Unveiling of Progress Report (Pilot Phase) & initiation of District wide expansion in Jhalawar by Honorable Chief Minister, Rajasthan



2. Program formalization & SOW signed up among key stakeholders for 3 year implementation (May'15)



3. Various planning meetings with edu. dept. for creating year long implementation plan (May - June'15)



4. School visits for ICT infrastructure review and identification of school-coordinator for effective execution (July'15)



5. Student's orientations and soft-skill sessions in schools to initiate ground level activities and ensure functionality of ICT lab (Jul-Aug'15)



6. School teachers using ICT lab and QuizAcademy platform as innovative pedagogical tool for effective teaching (July'15 onward)



OVERVIEW OF KEY ACTIVITIES (continue...)

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7. Group learning, self-study & hands-on practice by students on regular basis leveraging QuizAcademy platform (July'15 onward)



8. Sincere, excited and self-motivated students using ICT lab for interactive learning. (July'15 onward)



9. Training by trained students to new students to promote peer learning (July'15 onward)



10. Orientation of identified and empowered block officers from edu. dept. to formalize execution processes (Aug'15)



11. Visit by external experts (CSF, New Delhi) to study on ground implementation of Project and its impact on Quality Education (Aug'15)



12. Time-Table are created by school administration for planned use of ICT labs by subject teachers. (Aug'15 onwards)

Computer Lab

TIME-TABLE

School Name: Govt. P.D. Vidyalaya, Pithampur Session: 2014-15
 Coordinators: Prakash Kumar, Ashwini Mehta
 Special Incharge: Shri. S. S. Sharma

Period	1	2	3	4	5	6
Monday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00
Tuesday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00
Wednesday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00
Thursday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00
Friday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00
Saturday	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00

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District Administration,
Dept. Of Education,
Bilaspur

Ministry of Education

OVERVIEW OF KEY ACTIVITIES (continue...)

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13. Teachers orientation at block level with hands-on practice on QuizAcademy and time-table setup for lab usage (Aug-Oct'15)



14. First review meet by then District Collector Shri Bishnu Charan Mallick with key stakeholders (Nov'15)



15. Sharing project updates to DEO & ADEO highlighting school's usage participation, remote monitoring view and ICT lab status (Dec'15)



16. School visit by Shri Gaurav Agarwal (IAS) to review the on-ground implementation of Project Utarkash and its impact (Dec'15)



17. Smart teacher trainings in selected schools covering hands-on practice, virtual class setup, student enrollment etc. (Jan'16 onward)



18. Second Review meet by then District Collector, Shri Bishnu Charan Mallick at New Block school, Jhalawar with edu. dept. (Jan'15)



OVERVIEW OF KEY ACTIVITIES (continue...)

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19. Exhibition of Project Utkarsh "Jhanki" on the occasion of Republic Day (26 Jan 2016)



20. First prize for best "Jhanki" given by district administration (26 Jan 2016)



21. Project Utkarsh smart class training session for long term capacity building during winter vacation training organized by RMSA (Jan'16)



22. Progress review meet by DEO Shri Surendra Singh Gaur with ADEO, ADPC RMSA, BEE, principals and nodal officers (Jan'16)



23. Block Level review meet for Khanpur Block by SDM Shri Hanuman Singh Gurjar in presence of ADEO with all ICT School's principals (Feb'16)



24. Progress review and assessment planning meet under the guidance of DEO Shri Surendra Singh Gaur (Feb'16)



OVERVIEW OF KEY ACTIVITIES (continue...)

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25. Special session for capacity building of principals/headmasters during district level vaakpeeth organized by edu. dept. (Feb'16)



26. Project Utkarsh & remote monitoring dashboard review by district collector Dr. Jitendra Kumar Soni with key stakeholders (Apr'16)



27. Project Utkarsh updates & progress review by Chief Engineer, Shri R.S. Mittal KSTPP - CSR partner, Jhalawar (Apr'16)



28. Online/offline assessment activity conducted across 39 ICT enabled schools of district (Mar-Apr'16)



29. Real time monitoring of online test by ADEO Sh. O.P. Chaudhary & district coordination team from Project Utkarsh cell (Apr'16)

30. Regular school visits for student orientation, teachers training lab inspection and best practices sharing (Aug'15-Mar'16)



REMOTE MONITORING DASHBOARD IN QUIZ ACADEMY

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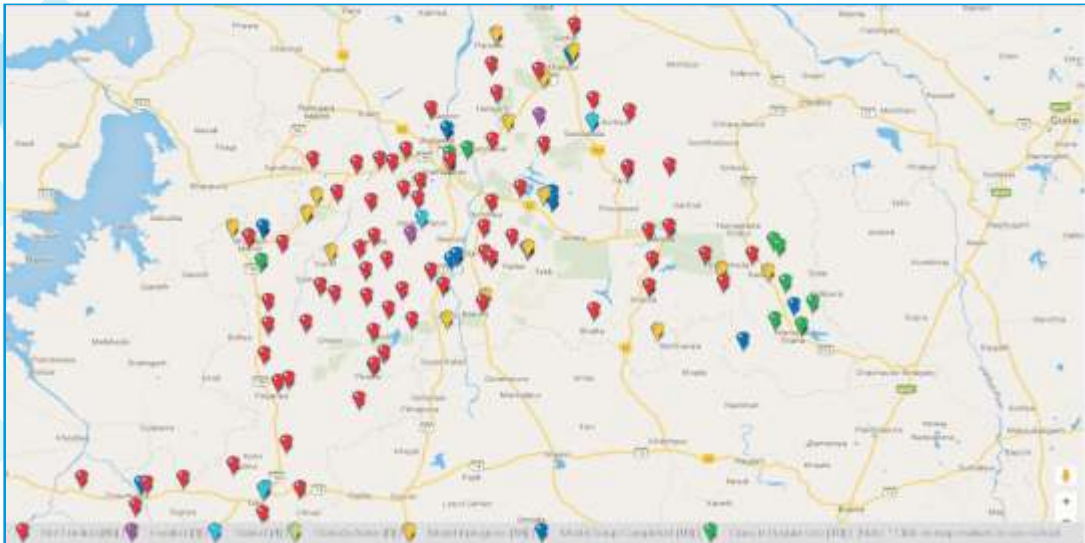
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Dashboard - Jhalawar

Kalisindh Thermal Power
Project
Jhalawar


District Administration
Dept. of Secondary Education
Jhalawar

Moinee Foundation
Freedom by Knowledge



Total
Schools
127

Total
Classes
169

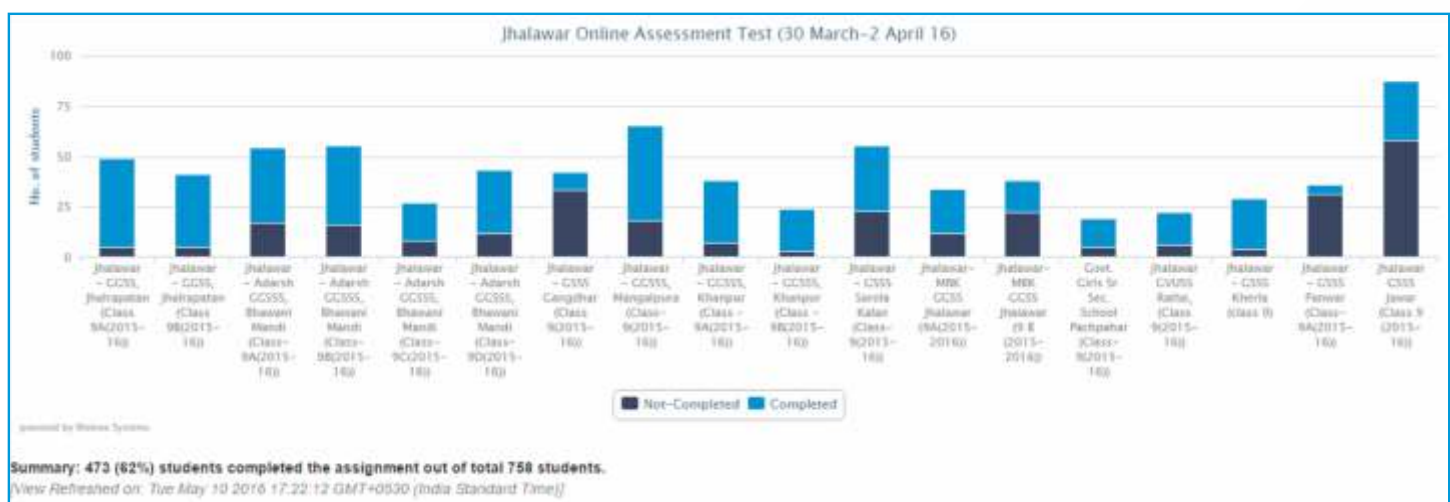
Enrolled
Students
3023

Quizzes By
Students & Teachers
14305

DISTRICT DASHBOARD-MAP MONITOR

District	Block	School Name	School_Status	Class Name	Enrollments in Class	Quizzes played by Teaching ID	Quizzes played by Student IDs	Assignments given	Quizzes played for Assignments	Usage by Teachers in last 15 days	Usage by Students in last 15 days
Jhalawar	Manoharthana	Jhalawar - GSSS Chandpur (Total students of Class 9 = 95) Total Computers = 10 Working Computers = 8 Projector LED Status working Internet Status not working PowerBackup Status: not working, Swatting Capacity 40%	Model_School	Class 9 (2015-16)	95	68	888	5	0	38	750
Jhalawar	Jhalawar	Jhalawar - GSSS Kherla (Total students of Class 9 = 29) Total Computers = 10 Working Computers = 10 Projector LED Status yes Internet Status yes PowerBackup Status 96%	Model_School	class 9	29	7	803	6	32	1	528

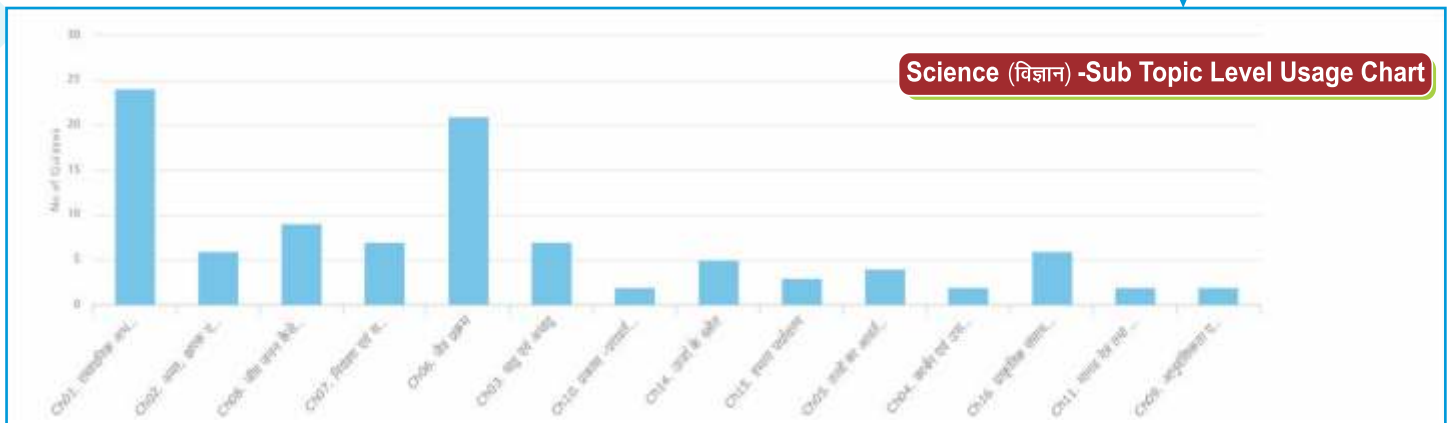
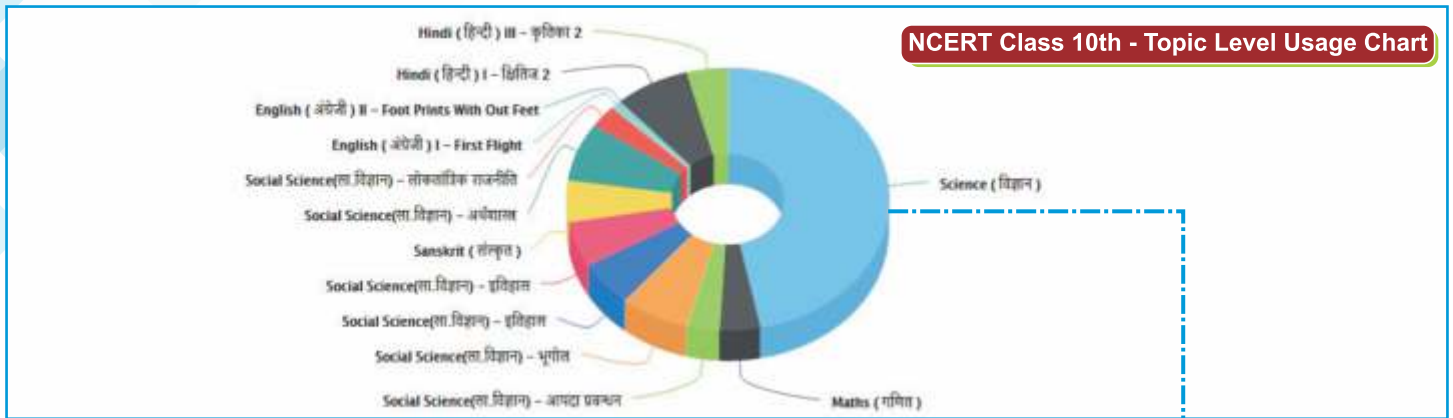
REAL-TIME MONITORING OF ONLINE TESTS



* Numbers only reflects the data from online tool and does not include the usage yet to be synced on offline application.

DEEP DIVE ANALYTICS, MONITORING & REPORTING

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QUALITATIVE USAGE REPORTS

Usage - Students		Usage - Teachers	Subject Wise Usage - All Students	Subject Wise Usage - All Teachers			
Sr.no	Course	Topic	Subject Quizzes	Average Time Taken	Max Time Taken	Min Time Taken	
1	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Science (विज्ञान)	29	00:04:39	00:23:43	00:02:15	
2	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Social Science(सा.विज्ञान) - भूगोल	9	00:01:26	00:02:19	00:00:41	
3	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Hindi (हिन्दी) I - क्षितिज 2	3	00:03:03	00:05:39	00:01:13	
4	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	English (अंग्रेजी) I - First Flight	5	00:05:08	00:09:37	00:01:25	
5	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Hindi (हिन्दी) III - कृतिका 2	3	00:04:52	00:05:50	00:03:27	

Class Level Deep Dive Report Views

Usage - Students		Usage - Teachers	Subject Wise Usage - All Students	Subject Wise Usage - All Teachers		
Email Id	Name	SmartClass Status	Usage Count	Last 14 Day Usage Count	Last Date of Use	
basantlodha@india.com	Bsanti Lodha	Started	5	0	2016-03-31 08:22:39	
kanti2001@india.com	Kanti Chandipur	Started	8	0	2016-03-31 10:00:06	
mamtalodha@india.com	Mamta Lodha Chandipur	Started	12	0	2016-03-31 10:32:11	

PROJECT UTKARSH - OUTCOMES



Impact Overview :-

Reach	<ul style="list-style-type: none"> • 127 Govt. Sec/Sr. Sec schools with ICT infrastructure where program formally rolled out • 15,000+ students per year are direct beneficiary • 100+ schools are from rural areas of district
Infrastructure Status (ICT LAB)	<ul style="list-style-type: none"> • 6 Cr Rupees worth of existing underutilized ICT infrastructure is activated • 117 Labs are activated, put to use and showing online/offline usage • 700+ Computers put in regular use
Capacity Building	<ul style="list-style-type: none"> • 176 teachers & 127 principals of 100% schools oriented and trained to run the program • 800+ teachers trained for long term capacity building in various training programs, workshops and Vaakpeeths organized by Edu. Dept. • 79 smart teachers trained with hands-on practice • 80+ training programs
Skill Development	<ul style="list-style-type: none"> • 7000+ students got hands-on trained for computer usage for learning purpose • 85+ sessions conducted at schools covering soft skills & personality development sessions • 3375+ students across 50+ schools were directly benefitted in these soft-skills sessions
Perceptual Impact	<ul style="list-style-type: none"> • Increased participation in training & Project Utkarsh related activities • Formal inclusion of the program through time table creation & execution • Highlight Project Utkarsh in "Praveshotsav" and other promotional activities • Successful implementation of Winter Vacation Assignment in 50 schools
Government Alignment	<ul style="list-style-type: none"> • Regular review by District Administration & Education Dept • 30+ formal orders & notices issued for various trainings, assessments & other key activities to increase rigor & serious participation • Local governance support of SDM & BDO for progress in their blocks
Remote Monitoring	<ul style="list-style-type: none"> • 127 schools on district remote dashboard for real time monitoring • Weekly progress and usage reporting to all stakeholders • 3500+ students email ids created, enrolled to 162 virtual classes • Qualitative usage analysis of individual user on real time basis • Data driven decision making become possible for planned & continuous improvement
Visibility of Key Officials	<ul style="list-style-type: none"> • Progress report of pilot project launched by Honorable CM in Dhanoda, Jhalawar • Progress review by Honorable CM during IT DAY in Jaipur and continued support towards expanding to more schools in state • Progress review by Honorable M.P. (Jhalawar-Baran) during "Gramin Mahotsav" • Progress review by then Chief Secretary Shri CS Rajan • Periodic progress review meet with Shri KK Pathak (Special Secretary to CM) and Shri Naresh Pal Gangwar (Education Secretary)

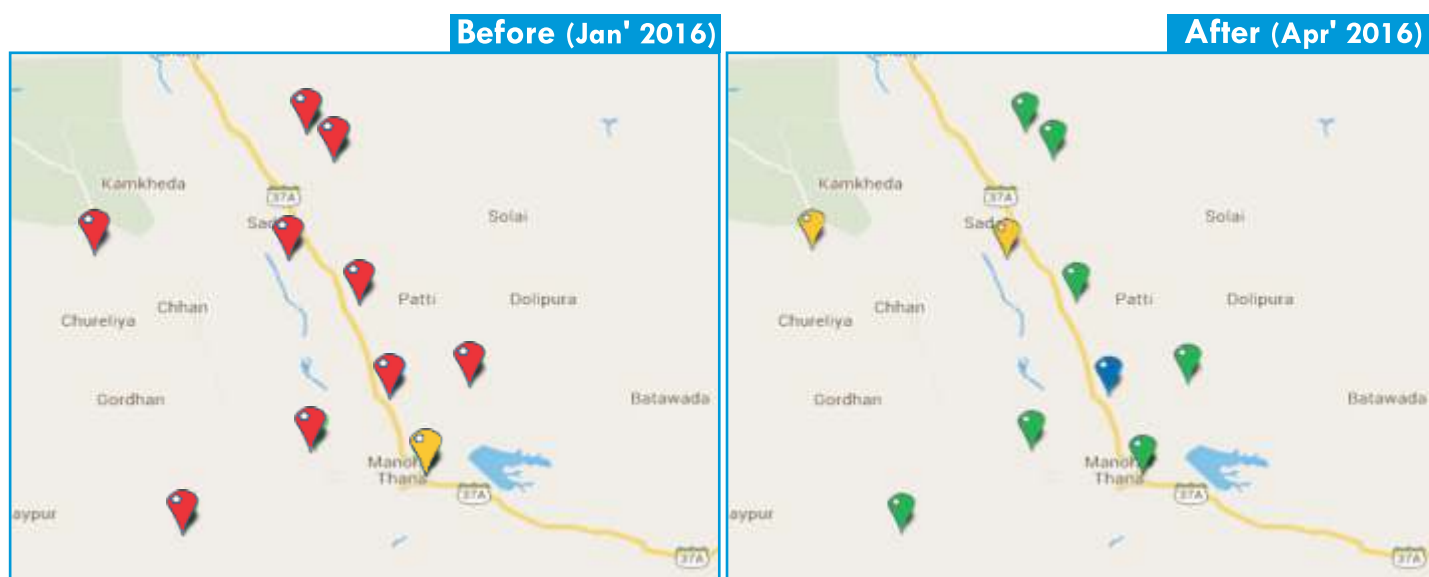
CASE STUDY – MANOHAR THANA

Focused block implementation (Jan-Apr'16)



- This strategy aimed to ensure active participation of maximum ICT enabled school in a block (specially low performing) through focused efforts under the governance of SDM.
- In this approach, SDMs are aligned for active support and on going governance in their block area. Block level remote monitoring dashboard is also created.
- Implementation team visits the block, conducts two level training, visit schools and try to ensure active participation by maximum schools.
- Regular progress review meets and school visits done by SDMs/BDO/DEO etc.
- Manohar Thana was the first block to pilot this strategy under Shri Gaurav Agrawal, IAS.
- Based on the pilot of Manohar Thana, 'Focus Block Implementation' is now established as best practice and leveraged in most of the Districts.

MANOHAR THANA BLOCK REMOTE DASHBOARD (MAP VIEW)



Facts & Figure	Before (Jan' 16)	After (Apr' 2016)
ICT schools from Manohar Thana.	10	10
Schools covered in block level trainings.	10	10
Schools completed Smart Class Teachers Training.	1	10
Total computer in use for regular practice and learning.	8	80
Student email Ids created & enrolled on QuizAcademy.	22	500+
Students of class 9 & 10 using QuizAcademy for studies.	14	350
Number of quizzes played by teachers & students. (excluding the not synced usage on offline application)	54	3000+
Students participated in formal assessment.	14	326

CASE STUDY – MANOHAR THANA

Focused block implementation- Key Activities (Jan-Apr'16)

प्रोजेक्ट
उत्कर्ष

Meeting with SDM Sh. Gaurav Agarwal (IAS) & BDO Sh. Kailash Meena with all principals of block to increase rigor in schools.



Smart teacher trainings were started covering orientation, hands-on practice on QuizAcademy and time-table setup for lab.



Student orientations and soft-skill sessions in schools to initiate ground activities.



Focus on teacher's involvement to make ICT lab used for teaching as per the time-table.



Students empowered by QuizAcademy doing regular hands-on practice in group ensuring regular self study.

Online/Offline Assessment Activity – was conducted across all 10 schools in focus block.



प्रोजेक्ट उत्कर्ष के माध्यम से अध्ययन करने से छात्राओं के परीक्षा परिणाम में वृद्धि हुई है। सभी छात्राएँ इस माध्यम से ऑनलाइन टेस्ट देना सीख गई हैं। इनके आत्मविश्वास में वृद्धि हुई है। अध्ययन सामग्री छात्राओं के स्तर के अनुसार है, जिससे रुचिकर, प्रभावी एवं स्थायी ज्ञान प्राप्त होता है। यह शिक्षा जगत में एक सराहनीय कार्य है, जिसके दूरगामी उत्कृष्ट परिणाम होंगे।

- शीलेश शर्मा (वरिष्ठ अध्यापिका), म.बृ.क.रा.बा.मा.वि. झालावाड़ (राज.)

छात्र स्वयं कार्य करना सीखते हैं। परम्परागत शिक्षण की अपेक्षा कम्प्यूटर से शिक्षण अधिक प्रभावी होता है, जिसको छात्र छात्राएँ सुगमता से समझ जाते हैं। छात्राओं में करके सीखने की प्रवृत्ति का विकास होता है। क्विज अकैडमी पर छात्राएँ प्रश्नों को हल करती हैं। यदि कोई गलती होने पर सही उत्तर तुरंत प्राप्त हो जाता है, जो अधिगम में सहायक है।

- मीनाक्षी राठौड़ (वरिष्ठ अध्यापिका- गणित), रा.बा.उ.मा.वि. असनावर, झालावाड़ (राज.)

प्रोजेक्ट उत्कर्ष के अंतर्गत स्थानीय विद्यालय रा.आ.उ.मा.वि. चंदीपुर में सत्र 2015-16 में कक्षा 9 एवं 10 वीं के छात्र-छात्राओं को अध्ययन कराया गया, जिसके परिणामस्वरूप 10 वीं का परिणाम 100% रहा।

- कन्हैयालाल लववंशी (प्रभारी), रा.आ.उ.मा.वि. चंदीपुर, झालावाड़ (राज.)

मोईनी फाउंडेशन द्वारा प्रोजेक्ट उत्कर्ष की योजना शुरू की गई जिसने निःसंदेह सभी वर्गों के चाहे ग्रामीण हो या शहरी सभी को अपनी छुपी हुई प्रतिभा को प्रमोट करने का स्वर्णिम अवसर प्रदान किया। जिन बच्चों ने कभी कम्प्यूटर नहीं देखा था, की-बोर्ड को नहीं छुआ था उन्होंने इस प्रोजेक्ट उत्कर्ष के माध्यम से कम्प्यूटर चलाना ही नहीं सीखा अपितु अपने पाठ्यक्रम को भी इससे पढ़कर परीक्षा में अच्छा प्रदर्शन किया।

- कमलेश प्रजापत (प्रधानाचार्य), रा.आ.उ.मा.वि. बनेठ, झालावाड़ (राज.)

प्रोजेक्ट उत्कर्ष के अंतर्गत स्थानीय विद्यालय में गत सत्र 2015-16 में कक्षा 9 एवं 10 की छात्राओं को अपनी ई-मेल बनाना सिखाया गया। कम्प्यूटर के माध्यम से ऑनलाइन पाठ योजना का शिक्षण कराया गया, जिसमें बालिकाओं ने पूरी रुचि के साथ भाग लिया। इससे 10वीं बोर्ड के परिणाम में प्रगति देखी गई। इसके द्वारा छात्राओं को नई तकनीकी से जुड़कर शिक्षा के क्षेत्र में प्रगति की ओर बढ़ने का मौका मिला है, जो उनके उन्नत भविष्य के लिए बेहतर साबित होगा।

- ब्रजमोहन सोनी, प्रोजेक्ट उत्कर्ष प्रभारी, रा.बा.उ.मा.वि. पचपहाड़, झालावाड़ (राज.)

प्रोजेक्ट उत्कर्ष के माध्यम से हम कठिन से कठिन विषयों का अध्ययन आसानी से कर पा रहे हैं। कठिन सवालों को आसानी से हलकर के उन्हें याद रख पाते हैं। हमें इस के माध्यम से पढ़ना बहुत पसंद आ रहा है। इसके माध्यम से पढ़ाई कर आगे बढ़ पा रहे हैं। इससे हम हमारी ग्रेड में बढ़ोतरी कर पाए हैं।

-साक्षी गौतम, कक्षा-10, म.बृ.क.रा.बा.मा.विद्यालय, झालावाड़

प्रोजेक्ट उत्कर्ष से हमें पढ़ाई करने में अच्छा लगता है। इससे पढ़ाई अच्छी तरह से समझ आ जाती है और हमें कम्प्यूटर चलाना भी आ गया। विज्ञान एवं गणित के प्रश्न हमें अच्छे से समझ आते हैं।

-आयशा कोचर, कक्षा-10, म.बृ.क.रा.बा.मा.वि.विद्यालय, झालावाड़

- मुझे पहले कम्प्यूटर चलाना नहीं आता था लेकिन अब मैं पढ़ाई कर सकता हूँ।
- अब मैं गूगल को खेलकर उस पर सभी पढ़ाई की सामग्री खेल सकता हूँ।
- हम गूगल पर क्विज अकैडमी पर अपना अध्ययन कर सकते हैं।

-गजेन्द्र कुमार राठौड़, कक्षा-10, रा.व.उ.सं विद्यालय, खेडला

पहले मुझे कम्प्यूटर चलाना नहीं आता था फिर मैंने लैब में जाकर कम्प्यूटर चलाना सीखा और अब मैं कम्प्यूटर में अपनी खुद की ई-मेल डाल सकती हूँ और अपने आप पढ़ाई कर सकती हूँ। अब मुझे कम्प्यूटर चलाना अच्छी तरह से आ गया है और हमें कम्प्यूटर की कक्षा पढ़ना अच्छा लगता है।

-मीनाक्षी पारेता, कक्षा-10, रा.व.उ.सं विद्यालय, खेडला

- प्रोजेक्ट उत्कर्ष से हमें बहुत रुचिकर विषय वस्तु का ज्ञान हुआ।
- प्रश्नों को हल करना सीखे।
- कम्प्यूटर चलाना सीखा।

-गोविन्द राठौड़, कक्षा-10, रा.आ.उ.मा.विद्यालय, माणकपुर

झालावाड़ जिले में संचालित क्विज बेस्ड लर्निंग सिस्टम आधारित अध्ययन अध्यापन प्रणाली से हमारे जिले में ICT युक्त जिनमें कम्प्यूटर है कि शिक्षण प्रणाली में काफी सुधार हुआ है। कम्प्यूटर शिक्षण के साथ बालको, शिक्षको द्वारा स्वयं की ID से स्वयं अध्ययन का अच्छा प्रयास है, इस प्रणाली के द्वारा जिस भी विद्यालय में अध्यापन कराया गया, परीक्षा परिणाम में उन्नयन हुआ है तथा अध्यापकों की जहाँ कमी भी रही हो तो बालको द्वारा अध्यापन सुविधा भी कारगर साबित हुई है।

श्री प्रहलाद नागर (जिला समन्वयक - प्रोजेक्ट उत्कर्ष)
व्याख्याता, रा.उ.मा.वि., करावन , माध्यमिक शिक्षा विभाग, झालावाड़

- Project Utkarsh model school implementation at Jhalawar District has been effective and successful in term of student participation, performance improvement, teachers receptiveness, quality enhancement and infrastructure improvement.
- Activation of ICT labs and student's participation has significantly improved across all blocks of the District.
- Use of QuizAcademy as smart-class and remote monitoring has enabled education department with better monitoring control and data driven decision making.
- Scientific temperament of teachers and students has significantly improved.
- Better utilization of tablets & laptops (issued by state govt.) has become possible.
- There is huge interest for curriculum mapped content of 9th & 10th Class by teachers and students .
- Acceptability of Quiz Based Learning System in rural area is very high.
- Significant improvement in students attendance and participative learning has been observed.
- Project Utkarsh was executed with existing infrastructure and human resources in these schools.
- An effective use of communication tools like email, whatsapp group etc. yielded great benefits in flow of information in real time.
- Direct and Regular governance by local District Administration multi-folds the pace of progress. For example periodic progress review by SDM and BDO in their block.
- Program is now proposed to increase the rigor around learning outcomes in year two.



In the second year of program we have planned, will increase our rigor around managed intervention focused towards learning outcomes. These intervention are designed around following three core aspects:

CONTENT

Course coverage, Concept based focused question sets, Remedial Question sets, Learning Question sets Quarterly and monthly course coverage plans and assessment plans.

TECHNOLOGY/ PRODUCT

Technology is important backbone for managing the scale of program day to day tech support and improvisation in tool for supporting effective content delivery, day to day support for monitoring and data analysis etc.

INTERVENTION TECHNIQUES

Detailed planning for each lesson session. Define student-facilitation techniques in various scenario. For e.g. 30 min lesson plan question-facilitation techniques like Thinking Head, Peer-Learning groups Revision technique , written activities post quizzes etc.

झलकियाँ-ग्रामोत्सव में प्रोजेक्ट उत्कर्ष का अवलोकन



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