

प्रोजेक्ट उत्कर्ष

(सरकारी विद्यालयों में स्मार्ट क्लास एवं ई-लर्निंग हेतु अभिनव पहल)

PROGRESS REPORT

Oct'15 - March'17



316 Govt. Sec. Schools with ICT of Udaipur District

Joint Initiative By

 **vedanta**
HINDUSTAN ZINC



सत्यमेव जयते

District Administration,
Dept. of Secondary Education,
Udaipur

Moinee Foundation
Freedom By Knowledge



VASUNDHARA RAJE
CHIEF MINISTER RAJASTHAN

Message

It is good that Project Utkarsh is being implemented in ICT- enabled Government Schools of Rajasthan to use technology in education for bringing about qualitative improvements. This project aims at honing skills of our learners, increase their knowledge base and create a favorable eco-system for overall strengthening of state's education system. I congratulate District Administration, Udaipur for implementing the program.

Teachers participating in the program needed to be thanked for the successful implementation of this project. I also wish to thank different stakeholders including the CSR partners Hindustan Zinc Limited and Moinee Foundation, Jaipur.

I wish the Project Utkarsh Team the very best and hope that they would take this program to the newer heights by bringing more and more students into the fold.

(Vasundhara Raje)



Naresh Pal Gangwar (IAS)

Secretary-School Education
and Language Department
Govt. of Rajasthan

Message

I am delighted to see that we are making systematic changes in our education and making the best use of available technology. This is certainly the right way forward, not only for enhancement of quality education but also for fulfilling the dream of digital empowerment for one and all.

I congratulate the District Collector, Shri Rohit Gupta and his capable team for taking this futuristic step and making it a reality. On the occasion of successful completion of one year of the program, I appeal to everyone in our department to learn from the best practices offered by this program and ensure overall gains for our future generations.

Project Utkarsh has been an advantage, not only for education administrators who's E-Governance capability to remotely monitor ICT labs has increased but also for our students who are mostly first generation learners from rural and remote areas. Today when everything seems to be available at the click of a mouse, these steps towards convergence of curriculum based learning with digital platform and innovative methodology are the need of the hour and are highly appreciated.

I appreciate and acknowledge the generous and continuous support extended by Hindustan Zinc Limited for the project. I also appreciate the sincere and continuous efforts of Moinee Foundation to ensure smooth execution of project on ground.

I would like to extend my best wishes to Project Utkarsh team in their onward journey for incremental improvement in quality of education and I also look forward to expansion of the program to cover a much larger number of schools, besides the ICT schools.

(Naresh Pal Gangwar)



Rohit Gupta (IAS)

District Collector & District Magistrate
Udaipur (Rajasthan)

Message

It is matter of immense pleasure and privilege to present first Annual Report of Project Utkarsh, Udaipur. Project Utkarsh, which started its journey from Udaipur, has become epitome of smart-education and now spread in 7 Districts of Rajasthan. I always feel that integration of information technology in education especially at grass root level not only create ecosystem for quality education but also provide empowerment to students and teachers.

When we initiated District wide roll out of Project Utkarsh last year, biggest challenge was to ensure the effective execution of Project Utkarsh especially in tribal and rural area but I congratulate to all key stakeholders (Department of Secondary Education, Hindustan Zinc Limited, Moinee Foundation) who have not left single stone unturned for success of this project.

I express my gratitude to Hindustan Zinc Limited to provide support under CSR initiative to ensure smooth execution of the project. Their contribution beyond CSR i.e. project monitoring, strategic planning, field visits etc has also been instrumental in this project. I am hopeful to get their support in future also.

I also appreciate the sincere and continuous efforts of all teachers, principals, administrative staff of Secondary Education and Rashtriya Madhyamik Shiksha Abhiyan which ensured that every student must be benefitted through this initiative.

Last but not the least, I am thankful to Moinee Foundation Team which has not only supported on intellectual and technical front but also crucial in program shaping, project implementation, district rollout, capacity building, remote monitoring etc. I expect their regular support in program betterment.

(Rohit Gupta)



Neelima Khetan

Vise President - CSR
Hindustan Zinc Ltd., Udaipur

Message

I am glad to know that Project Utkarsh has successfully completed one year of implementation in 316 ICT enabled Govt. Schools of Udaipur District with the objective of bringing qualitative changes in education through integration of technology.

At Hindustan Zinc, we are committed to raising the quality of life and social well being of communities where we operate, and education is an important and integral aspect of the same. We are happy to have been associated with Project Utkarsh, which is a laudable effort in that direction.

The first year of the project was focused on creating the ecosystem for smart education through ensuring functionality of ICT infrastructure, capacity building, technological orientation of teaching and learning fraternity, development of remote monitoring mechanism etc. This foundation can now be used to reach greater milestones in the future.

I extend my best wishes to all stakeholders to carry forward this journey with zeal and passion for betterment of society.

(Neelima Khetan)

Stakeholders Testimonials



It is encouraging to see the on ground impact of the Project Utkarsh especially in rural and tribal area of the District. Project has improved the usage of available ICT infrastructure at schools. It has also led to help in improvement of scientific temperament of Teachers and students, innovation in learning teaching experience and performance bench marking.

Avichal Chaturvedi (IAS), Chief Executive Officer-Jila Parishad, Udaipur

प्रोजेक्ट उत्कर्ष उदयपुर जिले के 316 आई.सी.टी. विद्यालयों में सफलतापूर्वक चल रहा है, जिसके तहत शहरी एवं ग्रामीण क्षेत्र के विद्यार्थियों को कम्प्यूटर द्वारा कक्षा 09 एवं 10 की पढाई करवाई जा रही है। छात्र स्वयं कम्प्यूटर चलाते हैं, मेल आईडी बनाते हैं, मेल करते हैं तथा ऑनलाईन टेस्ट भी देते हैं। यह सारा प्रयास विद्यालय के शैक्षिक पर्यावरण को उन्नत करने के साथ-साथ माननीय प्रधानमंत्री महोदय के डिजिटल इंडिया प्रोजेक्ट में सराहनीय प्रयास है।

Shivji Gaur, District Education Officer-I, Secondary Education, Udaipur



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.

Arvind Thanvi, Chief Mentor, Moinee Foundation, Jaipur

प्रोजेक्ट उत्कर्ष प्रौद्योगिकी और ई-लर्निंग के माध्यम से सरकारी विद्यालयों में ज्ञान के प्रसार में महत्वपूर्ण विधा है जिससे विद्यालयों में डिजिटल परिवर्तन अच्छे से हो रहा है। इस प्रोजेक्ट के क्रियान्वयन से विद्यालयों में उपलब्ध आईसीटी प्रयोगशाला का पुनरुद्धार और ई-लर्निंग के लिए नियमित उपयोग संभव हुआ है एवं छात्रों में आत्मविश्वास भी बढ़ा है। प्रोजेक्ट उत्कर्ष से जनजाति क्षेत्र के विद्यार्थी भी लाभान्वित होने लगे हैं। संख्यात्मक डाटा का संग्रह कर विद्यार्थियों, अध्यापकों व विद्यालय का परीक्षा परिणाम विश्लेषण करने की प्रक्रिया बहुत ही कारगर है।

Madhusudan Vyas, District Education Officer-II, Secondary Education, Udaipur



Project Utkarsh has been very important in integrating technology in education for qualitative changes. After completion of one year of implementation, we can feel the change in various parameters like excitement and inter-activeness of the students in learning process, engagement of teachers with innovative pedagogy, adoption of smart-class workflow by schools and functioning of ICT lab.

Dr. Vijay Vyas, Director, Moinee Foundation, Jaipur



CONTENTS

Education Snapshot of Rajasthan & Udaipur District	09
Problems Statement	10
Our Proposed Solution - Project Utkarsh	11
Methodology & Execution Approach	
Project Utkarsh – Pilot Phase	12-13
Multi Year Roadmap	14
Theory of Change	
Yearly Activities	15
Roadmap & Execution Plan – Phase 1	
Team Structure	16
Overview of Key Activities	17-22
Remote Monitoring Dashboard In QuizAcademy	23
District Dashboard-map Monitor	
Real-time Monitoring of Online Tests	
Deep Dive Analytics, Monitoring & Reporting	24
Qualitative Usage Reports	
Project Utkarsh - Outcomes	25
Focused Block Implementation	26
Focused Block Implementation : Key Activities	27
Control Case Study	28
Control Case Study : Key Activities	29
Feedback (Teachers)	30
Feedback (Students)	31
Conclusions	32
Project Utkarsh in Media	33
Way Forward	34

Education Snapshot Of Rajasthan & Udaipur District

Title	Year	Details	
		Rajasthan	Udaipur
Population (in number)			
Rural	2011	51551915	2459994
Urban	2011	17048085	608426
Total	2011	68600000	3068420
Literacy (in percentage)			
Men	2011	79.19%	74.74%
Women	2011	52.12%	48.45%
Rural	2011	62.30%	54.93%
Urban	2011	80.70%	87.52%
Total	2011	67.06%	61.82%
Govt. Schools and Enrollments (in number)			
Primary Schools	2016	31754	2418
Upper Primary Schools	2016	19236	811
Secondary Schools	2016	13659	680
ICT Sec. Schools	2016	6736	337
Enrolments (Elementary)	2016	3649115	278140
Enrollments (Secondary)	2016	4379819	219518

(A)	80.17 % population of Udaipur lives in rural areas.
(B)	There is substantial difference literacy rate of men & women
(C)	High rate of illiteracy in rural area.
(D)	Lower literacy average in comparison of Rajasthan (67.06 %) and India (74.04%) as per census 2011.
(E)	Udaipur District comprises 4.47% population of total state's population where as total stake of Udaipur District in no. of Govt. secondary schools of state is 4.97%
(F)	51.43% Govt. secondary schools of Rajasthan enabled with ICT infrastructure whereas in Udaipur it is 49.55%.
(G)	Average enrollment in secondary schools of Udaipur District is 323 per school, which is slightly better than state avenue of 321 students per school

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

Problems Statement

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

Need of Innovation in Teaching Learning Process

- Lack of I.T. Skilled teaching staff at school level for Smart Teaching
- Unawareness about effective usage of latest teaching aids
- Insufficient Teaching Learning Material in digital Format
- Lack of interactive learning teaching tools

I dream of a Digital India where quality education reaches the most inaccessible corners driven by Digital Learning.



-Honourable PM Shri Narendra Modi

Proposed Solution

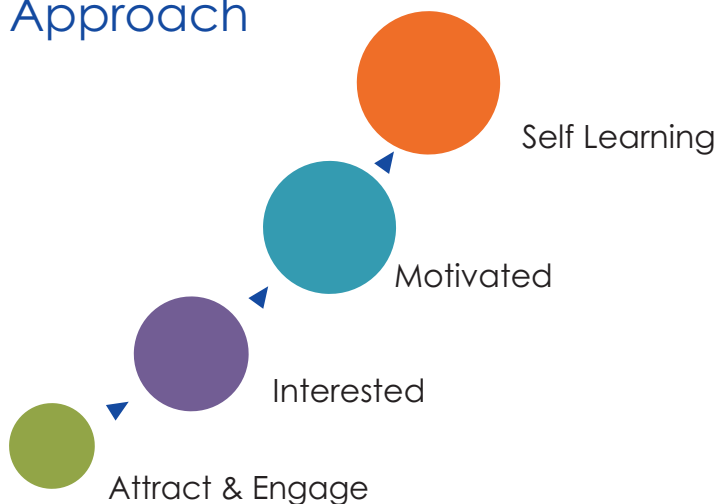
Project Utkarsh

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

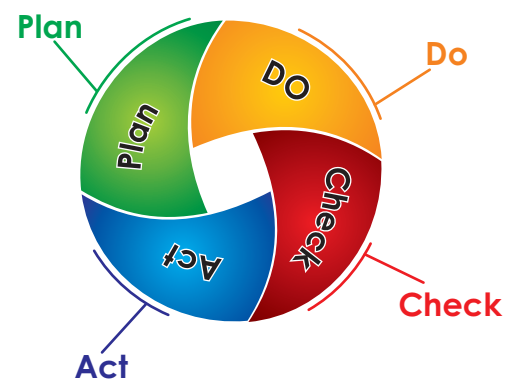
Key Objectives

- | | | | |
|----------|--|----------|--|
| 1 | Self-Learning
Create & provide self-learning study material and interactive tools to students. | 2 | Smart-Class
Allowing teachers to use these interactive tools for effective teaching and online assignments. |
| 3 | Performance Bench marking
Capturing quantitative data to create qualitative performance bench marking of students, teachers as well as school. | 4 | Remote Monitoring
Every activity by student & teachers will be captured online and can be remotely monitored on web. |
| 5 | Infrastructure Improvement
As a side effect, schools computer labs will get in good shape. Usage of QuizAcademy will confirm the functioning of lab. | 6 | 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 - Dec' 13 - Sep' 15

A joint initiative to implement Quiz Based Learning System in 12 Govt. Sec. ICT schools of 12 blocks was started by Moinee Foundation in Dec'13 with Department of Secondary Education, Udaipur under the guidance of District Administration.

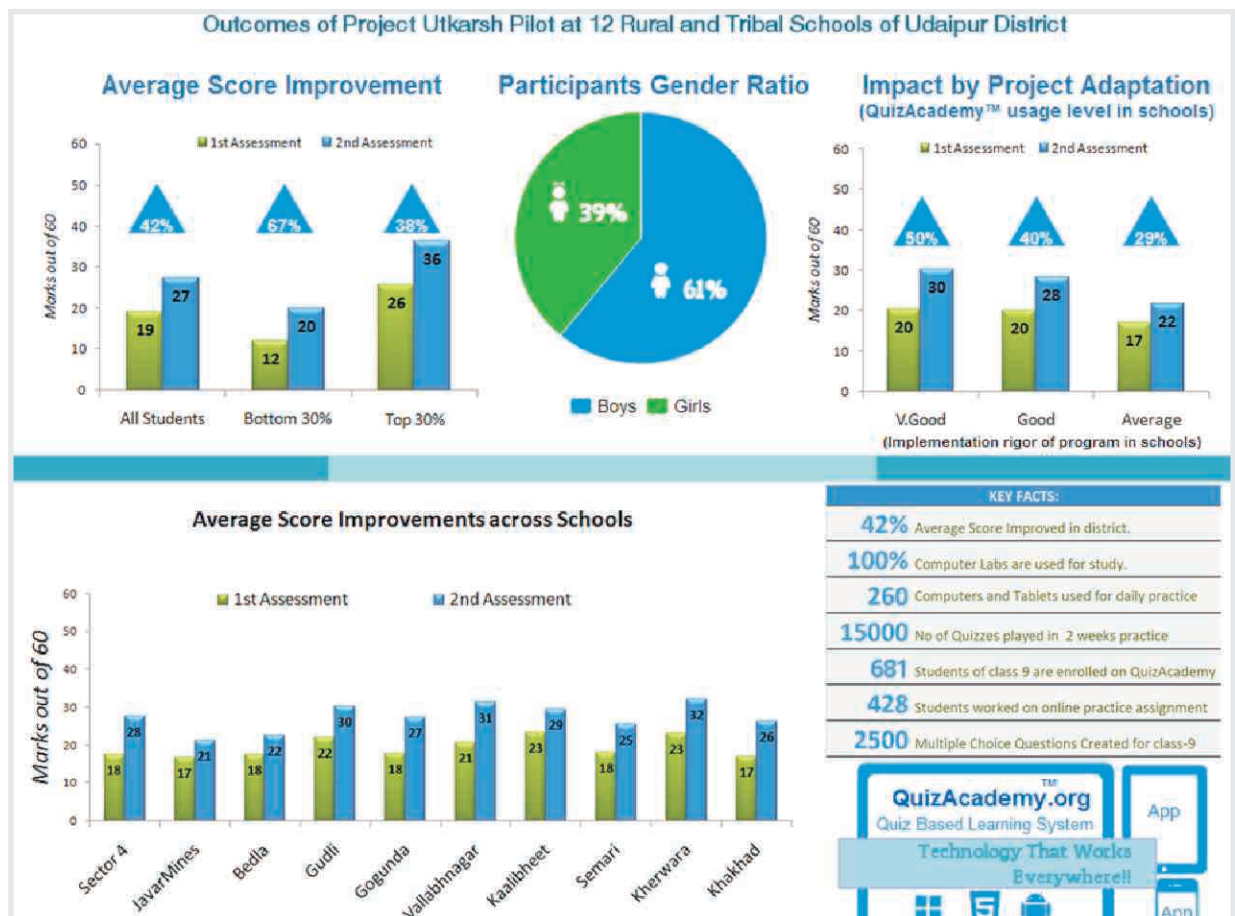
Smart-class implemented in selected 12 schools leveraging QuizAcademy platform for 3 months QuizAcademy also used for self learning by students as well innovative pedagogical tool by teachers.

Regular monitoring done through Remote Monitoring Dashboard and regular progress report and gap area shared to key stakeholders. (District Administration and Department of Secondary Education, Udaipur)

42% performance improvement observed though benchmarking assessments apart from positive changes in softer aspects like confidence, communication, participation, attendance etc.

Honorable Chief Minister of Rajasthan Smt. Vasundhara Raje visited Govt. Sr. Sec. School, Kherwada on 18th August, 2014 and interacted with beneficiary students. She appreciated the project and instructed Education Department for State Level expansion of the project.

Pilot Benchmarking - Infographics

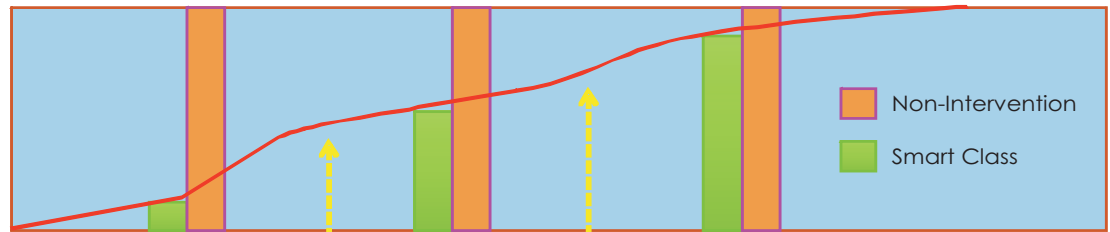


Pilot Phase (In Action)



Project Utkarsh - MULTI YEAR ROADMAP

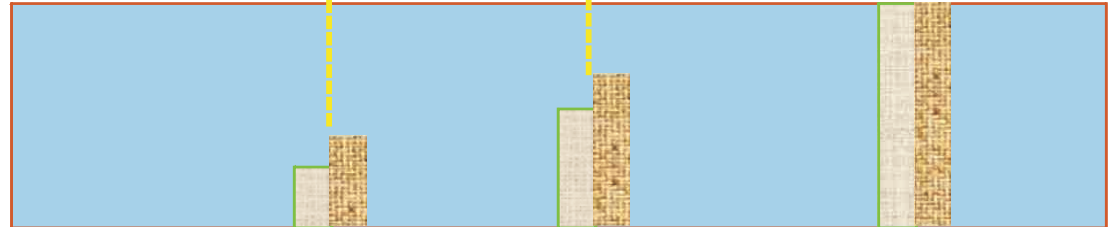
District-wide Launch
(Smart Class and non-intervention)



*Smart Class count starting with 5% of district ICT schools and moves to almost 100% in 3-4years.

Capacity Building
(external means)

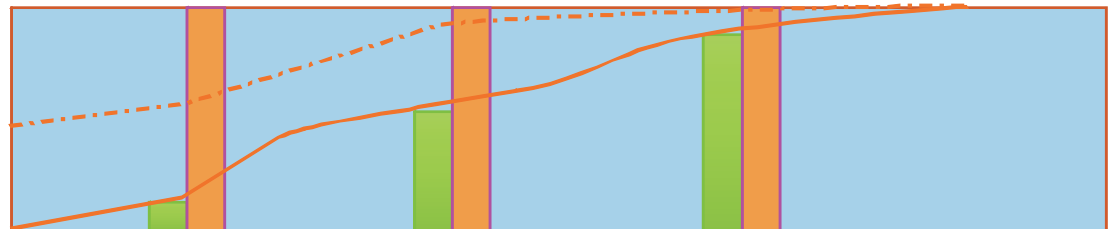
Continue Education, B.Ed. Colleges, Teacher Training centers, etc.



*Inclusion in formal capacity building will boost the quantity and quality of ICT leverage in schools.

Tracking & Monitoring

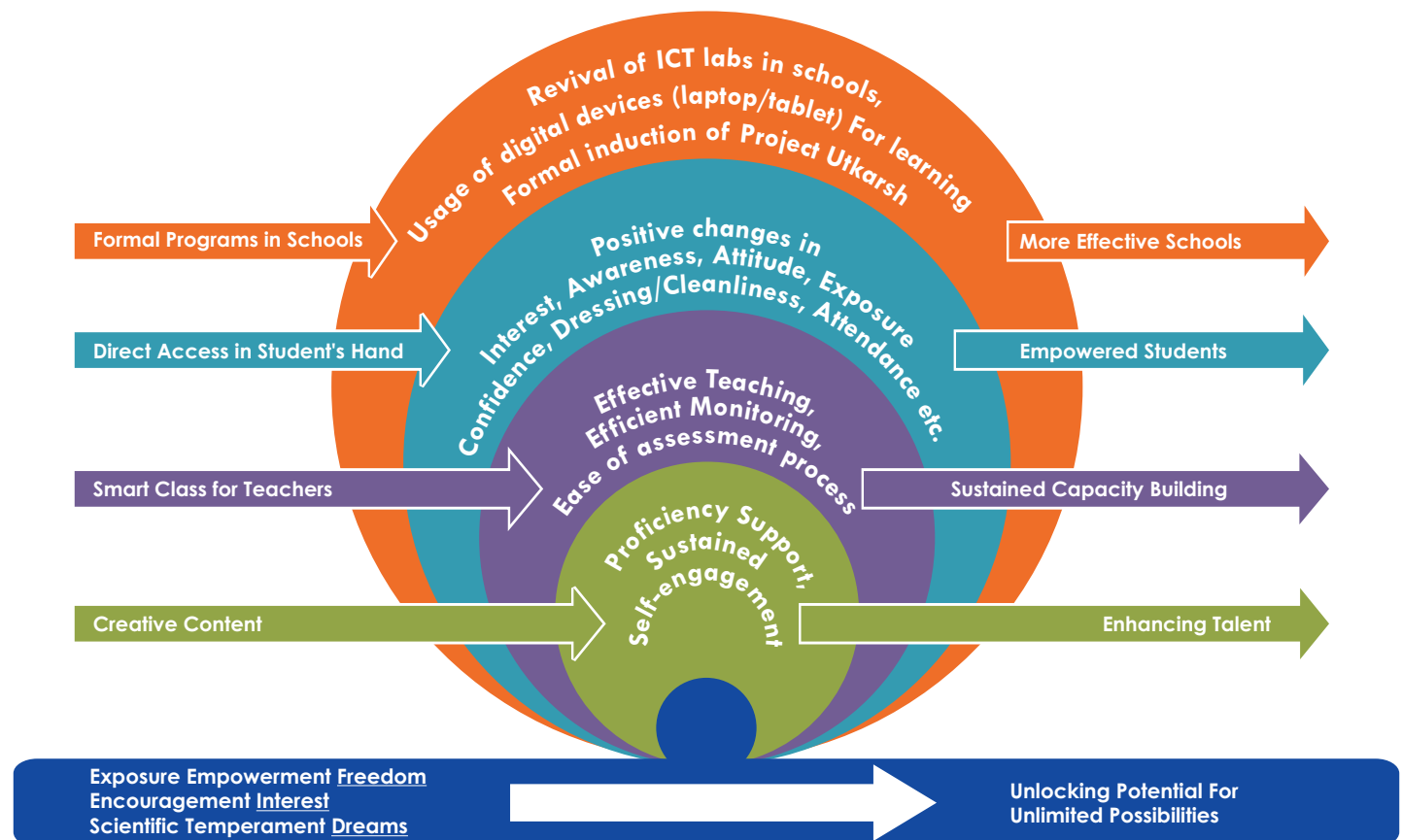
(Fortnightly tracking & Monthly escalation)



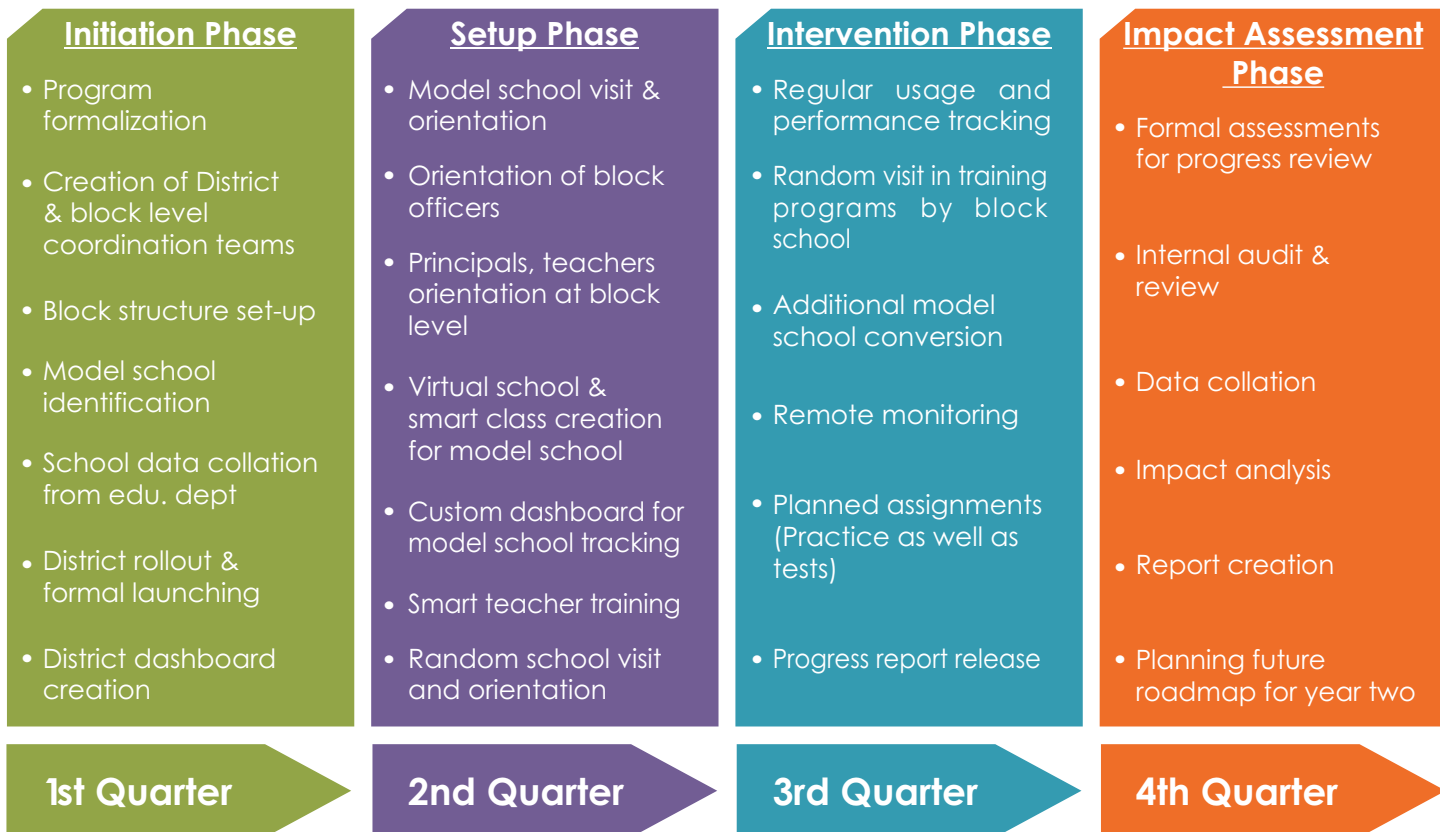
* Structured monitoring and reporting will move schools higher in intervention chain

Project Utkarsh - Theory of Change

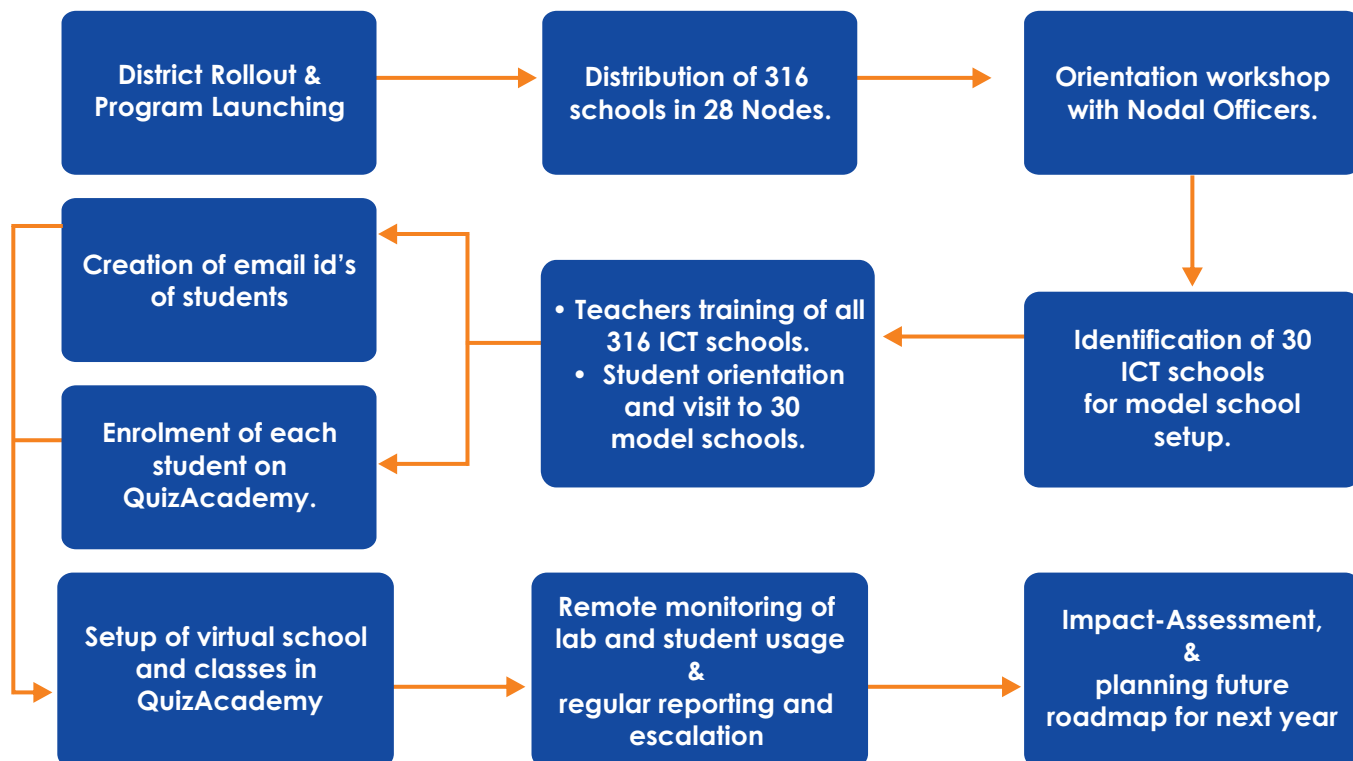
(A pictorial representation of broader theme for ICT schools)



YEARLY ACTIVITIES



ROADMAP & EXECUTION PLAN



TEAM STRUCTURE

Chairperson

- **Shri Rohit Gupta IAS**
(District Magistrate & Collector, Udaipur)

Governing & Administrative Team

- **Shri Shivji Gaur**
(District Education Officer- I, Secondary, Udaipur)
- **Shri Madhusudan Vyas**
(District Education Officer- II, Secondary, Udaipur)
- **Shri Narendra Yagnic**
(Associate Manager - CSR, HZL, Udaipur)
- **Dr. Vijay Vyas**
(Director-Moinee Foundation, Jaipur)

Monitoring & Coordination Team

- **Shri Pushpendra Sharma**
(District Coordinator, Project Utkarsh, Udaipur)
- **Shri Vinod Mathur**
(Ex - District Coordinator, Project Utkarsh, Udaipur)
- **Smt. Manju Chaudhary**
(Add. District Coordinator, Project Utkarsh, Udaipur)
- **Shri Anurag Jain**
(Operation Manager - Moinee Foundation, Jaipur)
- **Shri Manish Kumar Sharma**
(Assoc. Project Manager - Moinee Foundation)
- **Shri Ashish Kumar Vyas**
(Software Engineer, Moinee Systems, Jaipur)
- **Shri Aayush Maheshwari**
(Asst. Project Manager, Moinee Foundation)
- **Shri Mohd. Rizwan**
(Project Coordinator, Moinee Foundation)
- **Shri Yatish Swarnkar**
(Project Coordinator, Moinee Foundation)
- **Shri Yogesh Kalal**
(Content Coordinator, Moinee Foundation)

Key Advisory Team

- **Shri Avichal Chaturvedi IAS**
(CEO-Jila Parishad, Udaipur)
- **Smt. Neelima Khaitan**
(VP- CSR, Hindustan Zinc Ltd., Udaipur)
- **Shri Arvind Thanvi**
(Chief Mentor-Moinee Foundation, Jaipur)
- **Shri Vishnu Paneri**
(Deputy Director, Sec. Education, Udaipur)

Audit & Advisory Team

- **Shri Virendra Pancholi**
(ADEO-I, Secondary, Udaipur)
- **Shri Kundanmal Pokharna**
(ADEO-I, Secondary, Udaipur)
- **Shri Chandrashekhar Joshi**
(ADEO-II, Secondary, Udaipur)
- **Shri Surendra Singh Rao**
(ADEO- II, Secondary, Udaipur)
- **Shri Mohammad Iqbal Sheikh**
(ADPC - RMSA, Udaipur)
- **Shri Vijay M. Vyas**
(Advisor-Moinee Foundation, Jaipur)
- **Miss Monika Jain**
(Exec. - CSR, Hindustan Zinc Limited, Udaipur)
- **Shri Vinay Kumar Bissa**
(Sr. Software Engineer, Moinee Systems, Jaipur)

Nodal- Level Coordination & Execution team

Smt. Nirmala Rajput, Shri Dinesh Kumar Sharma Shri Om Prakash Paliwal, Smt. Gayatri Ameta, Shri Raj kamal Lohar, Shri Manshankar Purohit, Smt. Sunita Dhakar, Shri Surajmal Patidar, Shri Dilip Kumar Jain, Shri Laxman Meghwal, Shri Fateh Singh Garasiya, Shri Rajendra Prasad Suthar, Shri Udai Lal Paliwal, Shri Laluram Garasiya, Shri Suresh Chandra Vyas, Shri Surendra Kumar Jain, Shri Rajendra Kumar Tripathi, Shri Ganesh Lal Meena, Shri Kishan Lal Yadav, Shri Kishan Lal Choubisa, Shri Mahesh Chandra Ameta, Shri K.K. Paneri, Shri Panna Lal Nagda, Shri Jeevan Singh Ranawat, Shri Keshulal Choubisa, Shri Raees Khan, Shri Mordhwaj Vyas, Shri Rameshwar Prasad Joshi

Overview of Key Activities

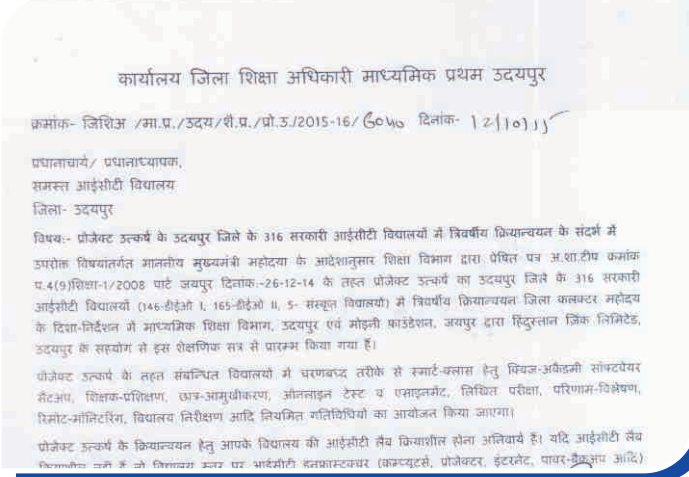
1. Launch of Project Utkarsh & District wide roll out in Udaipur by District Collector Shri Rohit Gupta on 2nd Oct 2015



2. Year long planning meet and orientation of identified nodal officers from Edu. Dept to formalize execution process. (Oct'15)



3. Program formalization through various official orders released by Department of Secondary Education-Udaipur (Oct'15)



4. School visits for ICT Infrastructure review, identification of School-Coordinator and staff alignment for effective execution. (Oct'15 onward)



5. Students' orientations & soft-skill session in schools to initiate ground level activities and ensure functionality of ICT Lab. (Oct'15 onward)



6. Sincere, excited and self-motivated students using ICT lab for interactive learning. (Oct'15 onwards)



Overview of Key Activities

7. School Teacher leveraging ICT lab and QuizAcademy Platform as innovative Pedagogical tool for effective teaching. (Oct'15 onwards)



8. Group Learning, Self-Study & hands-on practice by students on regular basis leveraging Quiz Academy platform. (Oct'15 onwards)



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



10. Time-Table created by school administration for planned use of ICT Labs by subject teachers. (Oct'15 onwards)

Computer Lab TIME-TABLE

Instructions:
 • For each period specify Class Name & Subject. (e.g. 9A - Science)
 • Use separate color codes for each class

Session: 2015-16
 School Name: शा. का. व. आ. विद्यालय, बेड
 Coordinators: श्रीमती. सीमा देवराज

Period Day	1	2	3	4	5	6	7	8
Monday	सा. विज्ञान							अंग्रेजी
Tuesday	अंग्रेजी	सा. विज्ञान						
Wednesday			विज्ञान	अंग्रेजी				
Thursday			हिन्दी	अंग्रेजी				
Friday					संस्कृत	संस्कृत		
Saturday					विज्ञान	हिन्दी		

vedanta
HINDUSTAN ZINC

District Administration,
Dept. Of Secondary Education,
Udaipur

Signature of Principal/Headmaster
Moinee Foundation
Freedom by Know

11. Visit by delegates from CSR partner - Hindustan Zinc Ltd. to review on-ground execution of Project Utkarsh & its impact on Quality Education (Oct'15)



12. First Review meet by District Collector Shri Rohit Gupta with ADEO, CSR Head, Hindustan Zinc Ltd. and Block Officers. (Nov'15)



Overview of Key Activities

13. Remote monitoring through District Dashboard by then Deputy Director, Sec. Edu., Udaipur - Shri Bharat Mehta (Dec'15)



14. Inauguration of Project Utkarsh Cell by Shri Bharat Mehta, then DD & DEO I, Shri Shivji Gaur, DEO II-Udaipur on 22nd Dec. 2015.



15. Regular 'Smart Teacher Training' for 'model in-progress' schools to cover hands-on practice, virtual class setup, student enrollment etc. (Jan'16 onward)



16. Imparted orientation sessions for the capacity building among teachers & principals as part of regular district level trainings conducted by Edu. Dept. and RMSA. (Jan'16 onward)



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



18. Ms. Riddhi Shah from Seva Mandir visited Govt. Sr. Secondary School, Dewali, to observe the working of Project Utkarsh in Govt. ICT Schools. (Feb'16)



Overview of Key Activities

19. District wide assessment conducted across 70 schools having participation of over 2500 students of Class - 9. (Mach - April'16)



20. Real time monitoring of online test by ADEO Shri Kundanmal Pokharna and District coordinator Shri Vinod Mathur. (Apr'16)



21. Overall Progress review by District Collector Shri Rohit Gupta. (May'16)



22. Project Utkarsh updates and progress review by Mrs. Neelima Khetan, CSR Head, Hindustan Zinc Ltd.-CSR Partner (May'16)



23. Second Review meet by District Collector Shri Rohit Gupta and CEO-Zila Parishad Shri Avichal Chaturvedi with key stakeholders. (May'16)



24. Before the start of new academic year, a training program conducted for Principals of all 316 ICT schools. (June'16)



Overview of Key Activities

25. School visit by Dr. Subodh Agarwal - IAS (Principal Secretary- State Govt.) at G.S.S.S. Mavli for practical observation of Project Utkarsh (Jul'16)



26. Initiation of Focus Block Implementation in Rishabhdev block under the guidance of Sh. Shailesh Surana SDM-Rishabhdev. (Aug'16)



27. Initiation of Focus Block Implementation in Girwa - Sakroda nodal under guidance of Smt. Namrata Vrishni IAS, SDM - Girwa. (Aug'16)



28. Initiation of Focus Block Implementation in Salumber block under guidance of Sh. Naresh Bunkar RAS, SDM-SALUMBER (Aug'16)



29. Training of 161 ICT Schools Coordinators on Online/Offline assessment as part of 'Smart Teacher Training' (Sep'16)



30. District wide assessment conducted across 174 ICT schools having participation of over 6000 students of Class 10. (Sep'16)



Overview of Key Activities

31. Honorable C.M. Smt. Vasundhara Raje Visits and review the progress of Project During Suraj Exhibition. (Dec '16)



32. Jhanki of Project Utkarsh displayed on the occasion of Republic Day. (Jan '17)



33. Pre Assessment Training have been provided to the Principals/ Teachers of participating schools. (Feb '17)



34. Second Formal Assessment has been organized for Class 10 Students for performance bench marking. (Feb '17)



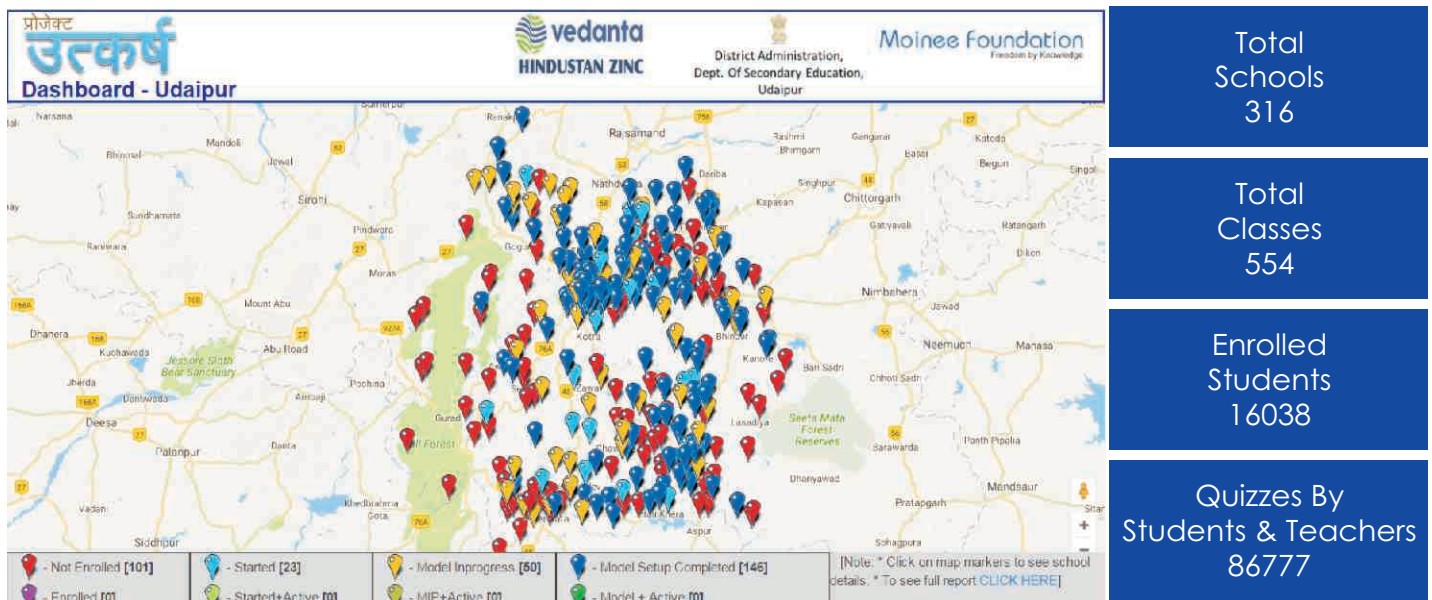
35. As a deeper intervention part Control Case Study has been introduced to low performing schools of district. (Jan - Feb '17)



36. Second Formal Assessment has been organized for Class 09 Students for performance bench marking. (March '17)



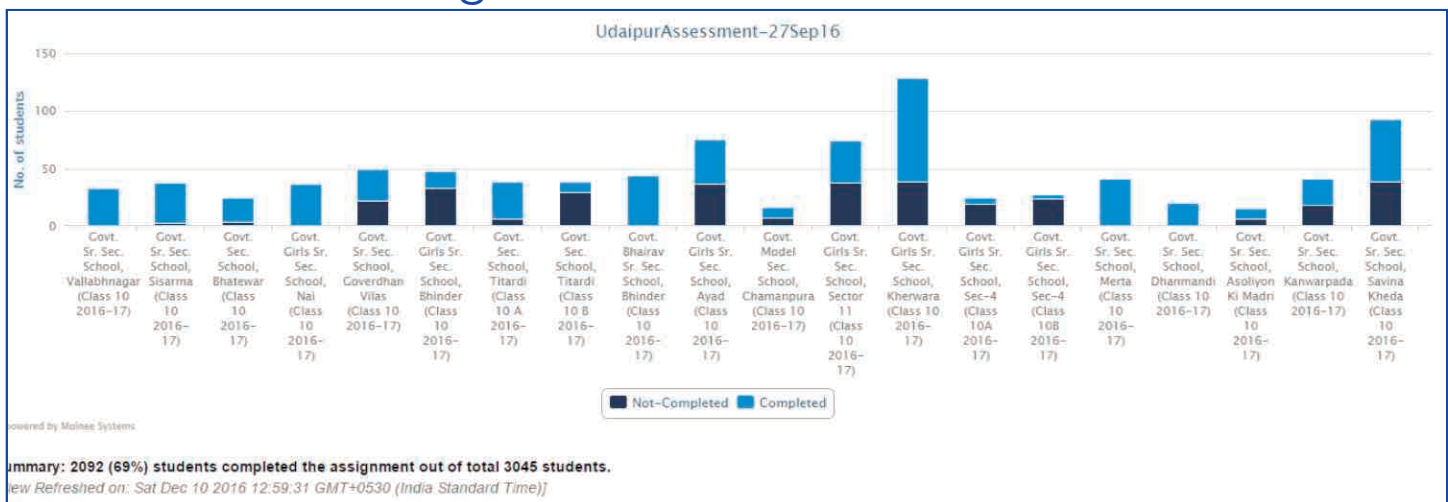
Remote Monitoring Dashboard In Quiz Academy



District Dashboard-map Monitor

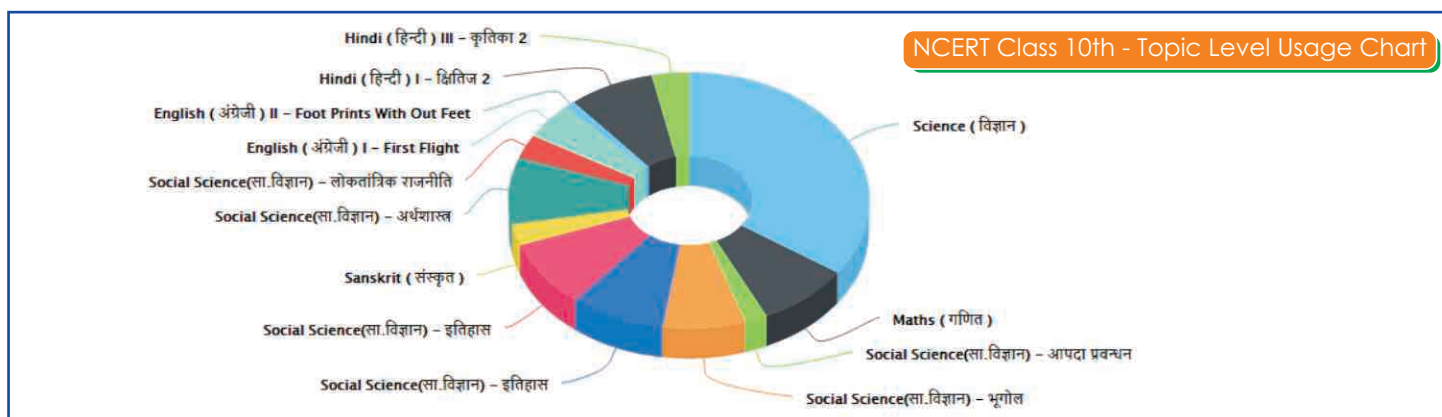
District	Block	School Name	School_Status	Class Name	Enrollments in Class	Quizzes played by Teaching ID	Quizzes played by Student IDs	Assignments given	Quizzes played for Assignments	Usage by Teachers in last 15 days	Usage by Students in last 15 days
Udaipur	Dabok	Govt. Sec. School, Vijan Vas (Total Students: 18+12=30) Computers: 10 Working 10 Projector/LED Status Working LED Internet Status Working Dongle Power Backup Status Working Solar Inverter Seating Capacity 30	Model_School	Class 10 2016-17	49	1624	1008	0	0	55	62
Udaipur	Dabok	Govt. Sec. School, Vijan Vas (Total Students: 18+12=30) Computers: 10 Working 10 Projector/LED Status Working LED Internet Status Working Dongle Power Backup Status Working Solar Inverter Seating Capacity 30	Model_School	Class 10 2016-17	29	1624	1382	0	0	55	0

Real-time Monitoring of Online Tests

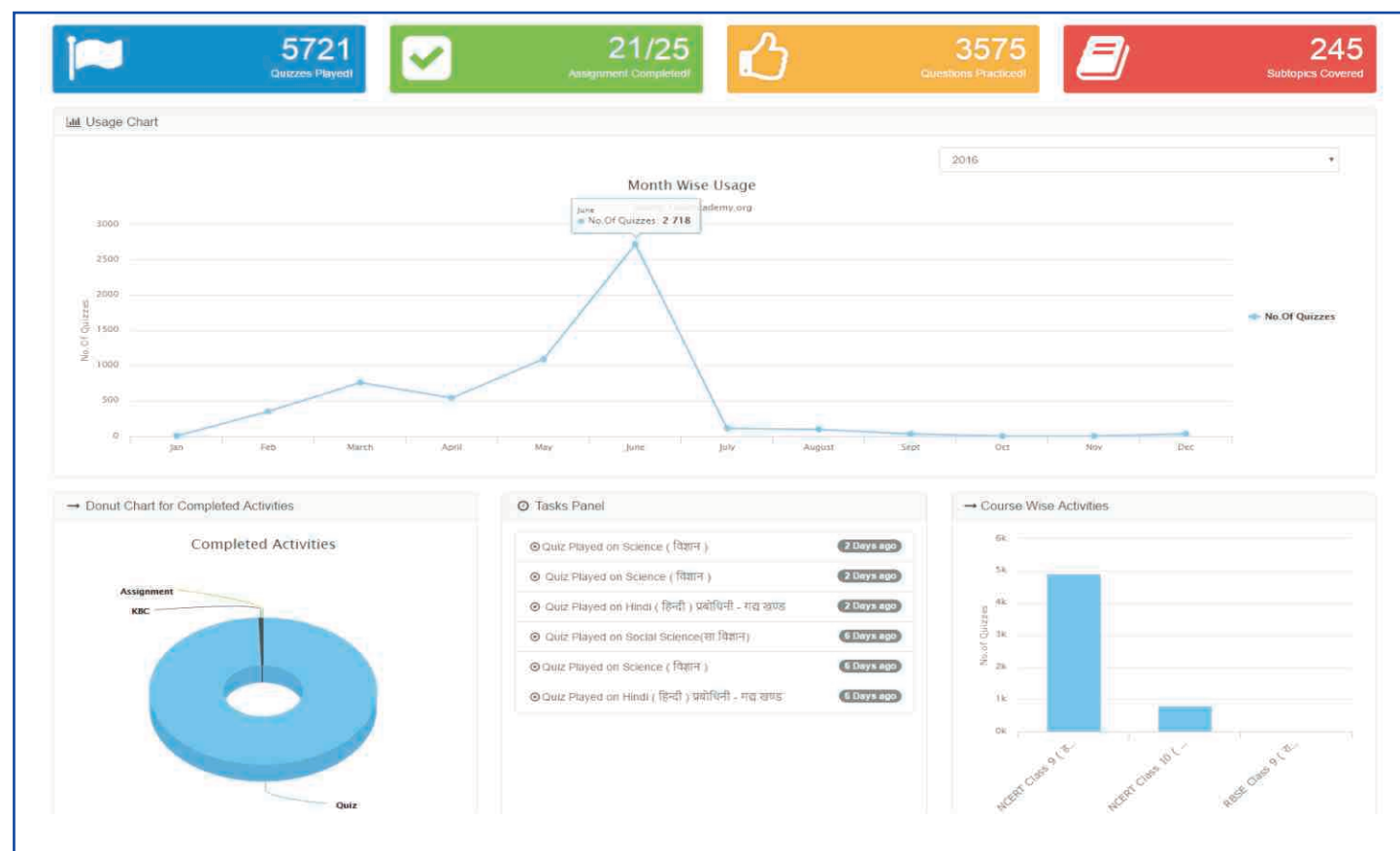


* Numbers only reflects the data from online tool and does not include the usage yet to be synced on offline application.

Deep Dive Analytics, Monitoring & Reporting



Qualitative Usage Reports



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
sumanchoudhary01012000@gmail.com	suman choudhary udaliyawas bil	Started	32	0	2016-11-24 01:36:20
ramniwas01012000@gmail.com	ramniwas udaliyawas bilara	Started	26	0	2016-11-23 01:23:37
kavitaabc2002@gmail.com	kavita udaliyawas bilara	Started	66	0	2016-12-05 00:32:35

Project Utkarsh

Outcomes

Reach

- 316 Govt. Sec/Sr. Sec schools with ICT infrastructure where program formally rolled out
- 32,000+ students per year are direct beneficiary
- 250+ schools are from rural areas of district
- 62% boys and 38% girls

Infrastructure Status (ICT LAB)

- 12 Cr Rupees worth of existing underutilizes ICT infrastructure is activated
- 240 Labs are activated, put to use and showing online/offline usage
- 1200+ Computers in use

Capacity Building

- 345 teachers & 127 principals of 100% schools oriented and trained to run the program
- 1000+ teachers trained for long term capacity building in various training programs, workshops and Vaakpeeths organized by Edu. Dept.
- 220 smart teachers trained with hands-on practice
- 92 training programs organized

Skill Development

- 18000+ students got hands-on trained for computer usage for learning purpose
- 190+ sessions conducted at schools covering soft skills & personality development sessions
- 9500+ students across 190 schools were directly benefitted in these soft-skills sessions

Perceptual Impact

- Increased participation in training & Project Utkarsh related activities
- Formal inclusion of the program through time table creation & execution
- Highlighted Project Utkarsh in "Praveshotsav" and other promotional activities
- Successful implementation of Winter Vacation Assignment in 103 schools

Government Alignment

- Regular review by District Administration & Education Dept
- 54 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

- 316 schools on district remote dashboard for real time monitoring
- Weekly progress and usage reporting to all stakeholders
- 18000+ students email ids created, enrolled to 450+ 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

- Progress review by Honorable CM during IT DAY in Jaipur and continued support towards expanding to more schools in state
- Periodic progress review meet with Shri KK Pathak (Special Secretary to CM) and Shri Naresh Pal Gangwar (Education Secretary)
- Mavli school visit by Dr. Subodh Agarwal (Principal Scretary & District Secretary)
- Regular visits by DM - Udaipur & CEO-Zilaparishad to check the progress

Focused Block Implementation (Rishabhdev, Sakroda, Salumber)

- 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/BDOs/DEO etc.
- Focused Block implementation done under the guidance of Smt. Namrata Vrishni, IAS(SDM - Sakroda-Girwa), Sh. Shailesh Surana, RAS(SDM - Rishabhdev), Sh. Naresh Bunker, RAS (SDM - Salumber)
- Based on the Focus Block Implementation in these blocks, other blocks of Udaipur will be covered for best practices.

Facts & Figure	Before (Aug' 16)	After (Oct' 2016)
Schools covered in block level trainings.	35	35
Schools completed Smart Class Teachers Training.	7	35
Total computer in use for regular practice and learning.	38	256
Student email Ids created & enrolled on QuizAcademy.	334	2200+
Number of quizzes played by teachers & students.	475	11000+
Students participated in formal assessment.	209	1700+



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

Overview of Key Activities-Focused Block Implementation

Meeting with SDM of all three block at respective locations with all principals to increase rigor in schools.



Smart teacher training were started with orientation, hands-on practice on QuizAcademy and Time-Table setup for lab.



Teacher and 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 time table.



Regular progress review by SDM's with principals of respective block to measure the progress.



Online/Offline Assessment Activity - was conducted across all 35 schools in focus blocks.



Control Case Study

(Focused Remedial Activity for Learning Impact)

- Due to consistent & increased participation, the availability of quality data of student performance on QuizAcademy become an important catalyst for micro analysis and data driven action planning.
- As a first major step, focused remedial practice content and implementation approach was created for execution in ICT schools identified based defined selection criteria.
- Analysis was based on the performance data from online assessment conducted across 300 ICT schools of 4 districts in Rajasthan (including 150 ICT schools of Udaipur),

1

- Analysis of Assessment Data conducted across 300 schools.
- Identification of Fundamental Learning Gaps
- Create Focused Practice Set on QuizAcademy
- Enhance practice sets with Board Exam pattern question

2

- Identification of schools
- Focused practice sessions by teachers
- Tracking of hands on practice
- Practice sets made available to all ICT schools in online and offline mode.

3

- Tracking of hands on practice in notebooks
- Feedbacks/Survey
- Systematic comparative study based on board exam result data

Facts & Figure

Schools identified in Udaipur for Control Case Study	24
Teachers/Principals have been oriented for this focused activity	46
Students get direct exposure through this program.	900+
Questions Created under focused practice set	500+
Total Chapters Practiced under this activity	21
Schools having last year passing percentage less than 50%	20

Overview of Key Activities-Control Case Study

Principal - Teacher Interaction for Control Case Study to increase awareness and participation.



Planned Sessions with teachers & students to orient them around this program.



Curriculum mapped various activities with students to make them prepare for upcoming board examinations



Teacher driven activities under Control Case Study to make this concept self driven



Encourage Peer To Peer Learning Approach as this works for various groups of students



Positive and encouraging feedbacks from various teachers which was part of this initiative

वैसे तो हमारे विद्यालय के विद्यार्थी हर वर्ष बोर्ड की परीक्षा देते हुये आए हैं और इस परीक्षा को सफलतापूर्वक बनाने हेतु एक हद तक हमारे अध्यापकगण द्वारा विद्यार्थियों को वह सभी प्रयास करवाए जाते हैं जिसके चलते विद्यार्थी बोर्ड परीक्षा में लाभान्वित हो सकें, पर इस वर्ष प्रोजेक्ट उत्कर्ष की टीम द्वारा एक कंट्रोल केस स्टडी नामक पहल चलाई गई थी जिसके तहत टीम द्वारा विज्ञान व गणित विषय की प्रश्नोत्तरी प्रदान की गई उस प्रश्नोत्तरी में से लगभग 60% प्रश्न विज्ञान विषय में बोर्ड के पेपर में देखे गए हैं, उत्कर्ष टीम द्वारा किया गया प्रयास काफी सराहनीय रहा क्योंकि इन प्रश्नों का अभ्यास हमारे विद्यार्थियों ने अपनी अभ्यास पुस्तिका में लिखकर भी किया। आशा करता हूँ की भविष्य में भी टीम द्वारा इस तरह के प्रयास किए जाए ताकि अधिक से अधिक संख्या में विद्यार्थी लाभान्वित हो सकें, इस बीच सतिश जी स्वर्णकार जिन्होंने विद्यालय में पधारकर विद्यार्थियों को मार्गदर्शित किया वे भी धन्यवाद के पात्र हैं।
जगदीश सेन - वरिष्ठ अध्यापक, रा.मा.वि. गाँधी चौक, सलूमबर

Teachers' Feedback

प्रोजेक्ट उत्कर्ष शिक्षण की एक नई विधा है। विद्यार्थियों को इसके द्वारा सीखना अच्छा लगता है। किताबों के अध्ययन से थोड़ी बोरियत दूर करता है, बच्चे कम्प्यूटर में रुचि लेने के कारण शिक्षा में रुचि लेते हैं। बच्चों की संख्या ज्यादा होने के कारण प्रत्येक बच्चों को कम्प्यूटर नहीं मिल पाता है। IX व X में विद्यार्थियों की संख्या अधिक है। टीम के सहयोग से काम भली भांति हो रहा है।

— श्रीमति जय लक्ष्मी (प्रधानाचार्या), रा.उ.मा.वि. शोभागपुरा

प्रोजेक्ट उत्कर्ष के उदयपुर जिले के 316+4 आईसीटी विद्यालयों में प्रारम्भ होने से छात्र-छात्राओं में कम्प्यूटर के द्वारा अध्ययन करने के प्रति जागरूकता बढ़ी है। Quizzes के माध्यम से विद्यार्थी छोटे-छोटे बिन्दुओं पर ध्यान दे पाते हैं और सरल तरीके से अपना अध्ययन कर पाते हैं। समय-समय पर प्रोजेक्ट उत्कर्ष द्वारा विद्यार्थियों का ऑफलाइन व ऑनलाइन टेस्ट करवाए जाने से विद्यार्थियों को परीक्षा परिणामों में फायदा मिल रहा है। शहरी और सुदूर ग्रामीण क्षेत्र में छात्र संख्या तथा विद्यालयों में प्रति दिवस उपस्थिति में भी वृद्धि हो रही है। अध्यापक व विद्यार्थी के नियमित अभ्यास को रिमोट मॉनिटरिंग द्वारा ऑनलाइन मॉनिटर करना एक प्रभावशाली प्रणाली के रूप में साबित हो रहा है।

— श्री पुष्पेंद्र शर्मा (जिला समन्वयक – प्रोजेक्ट उत्कर्ष), शिक्षा विभाग, उदयपुर

क्विज की सहायता से 9 व 10 के छात्रों को अध्ययन कराना उत्कृष्ट है। साथ ही Online & Offline दोनों ही सूरतों में हो रहे कार्य जो कम्प्यूटर को इन्टरनेट से जोड़ने पर अपडेट कर देता है, यह फीचर अच्छा लगा। विद्यालयों में बच्चों को इसके लिए प्रोजेक्ट से पढ़ाया जाना भी अधिक उपयोगी होगा। कुल मिला कर यह कार्य संभव है और इससे छात्रों में कम्प्यूटर के प्रति रुचि बढ़ेगी एवं वह कम्प्यूटर पर कार्य करना भी सीख लेगे।

— श्री जुल्फिकार बोहरा (प्रभारी), रा.उ.मा.वि. कठार

प्रोजेक्ट उत्कर्ष के सफल क्रियान्वयन हेतु उदयपुर जिले के समस्त संस्था प्रधान द्वारा एवं आईसीटी प्रभारी शिक्षकों द्वारा पूर्ण सहयोग दिया जा रहा है। ग्रामीण क्षेत्रों की कम्प्यूटर लैब व्यवस्थित रूप से संचालित होने लगी है। उदयपुर जनजाति क्षेत्र में यह एक अनुठा प्रयोग है। छात्रों की अध्ययन में रुचि में अभिवृद्धि करने का एक सार्थक प्रयास है।

— श्री विनोद माथुर (पूर्व जिला समन्वयक – प्रोजेक्ट उत्कर्ष), शिक्षा विभाग, उदयपुर

It is to certify with utmost satisfaction that under the banner of Moinee Foundation, Project Utkarsh is of great worth and importance to the students of Class IX & X. The questionnaires set for the practice for the students are strategically prepared to enhance the knowledge, spirit to learn more and excitement level. Team members are gentle and submissive towards imparting training to the students. I wish good future for the Foundation and the project.

-Mr. Rameshwar Lal Vijay Vargiy (Principal) G.S.S.S. Sanwad

Project Utkarsh has made learning a fun for students. It is a very good motivational tool of learning for all the students. Students love to go to their computer labs and like to play quizzes. This project has made all the ICT labs of Government schools functional and active. The students of remote rural areas are now using technology in their studies. Students are now ready to take online tests in future.

-Mrs. Manju Chaudhary (Add. District Coordinator - Project Utkarsh)
Education Dept. Udaipur

Students' Feedback

पिछले क्लास में हमें प्रोजेक्ट उत्कर्ष से बहुत मदद मिली, हमने कम्प्यूटर चलाने के साथ-साथ क्विज से पढ़ना भी सीखा पढ़ाई में हमें बहुत मजा भी आया और साथ ही पाठ्य-पुस्तक के प्रश्नों को गेम की तरह खेला जिसके कारण हमें पढ़ाई में बड़ी रुचि आने लगी और प्रश्न भी याद होने लगे। एक ही टॉपिक को 3 बार करने पर हमें वो अच्छी तरह से याद हो जाता है, पहली बार में 40% बनता है और दूसरी बार 60% और फिर तीसरी बार में 100% बन जाते जिस कारण हमें परीक्षा में काफी मदद मिली।

— दिनेश नाथ जोगी, रा.उ.मा.वि. गुडली (गीर्वा), उदयपुर

आज दिनांक 17-08-2016 को हमारे विद्यालय में प्रोजेक्ट उत्कर्ष पढ़ाया रिजवान सर ने इसे बहुत ही अच्छे तरीके से पढ़ाया। बहुत ही अच्छे तरीके से ये सब समाज में आयो खास बात तो ये हैं, कि मैंने खुद कम्प्यूटर चलाया। मैंने कम्प्यूटर चलाया तो बहुत अच्छा लगा। रिजवान सर से बहुत सी चीजे समझ आई। अगर मुझे रोज कम्प्यूटर पर ऐसे पढ़ाई करने को मिले तो मैं 75% लाकर दिखा सकती हूँ। थैंक्यू सर आपने हमारे लिए टाइम निकाला। Thank you very much.

— कृष्ण तेली, रा.बा.उ.मा.वि. घासा

गत वर्ष हमने कक्षा 9th में प्रोजेक्ट उत्कर्ष के बारे में हमारे टीचर से सुना। बाद में हमारे गणित के टीचर प्रीति जोशी मैडम ने हमें कम्प्यूटर पर प्रोजेक्ट उत्कर्ष में क्विज एकेडमी से पढ़ाई करवाई। जिससे हमारे सारे विषयों का रिविजन हो गया। इस रिविजन से हमारा बहुत लाभ हुआ। इससे हमारी 9th कक्षा में अच्छे प्राप्तांक आए। प्रोजेक्ट उत्कर्ष के बारे में हमें वर्तमान में 10th कक्षा में भी बताया जा रहा है। जिससे हमारा रिविजन हो रहा है। आज दिनांक 17-08-2016 को हमें प्रोजेक्ट उत्कर्ष के बारे में और जानकारी देने के लिए ये सर आए हैं। जो हमारी पढ़ाई में पूरी मदद कर रहे हैं।

— खुशी तंवर, रा.उ.मा.वि. गुडेल

आज दिनांक 26-08-2016 को कक्षा में हमने प्रोजेक्ट उत्कर्ष चलाया था जिसमें हमने सभी विषयों के पाठ का अध्ययन किया। जिसमें हमें बहुत अच्छा लगा था और पाठ के प्रश्न हल किये थे। जिनमें से प्रश्न पेपर के अंदर आए और हमने सभी प्रश्नों के उत्तर लिखे और आज जो सर ने हमें पढ़ाया वो भी अच्छे लगे। आज हमें एक पाठ का अध्ययन किया और सर ने हमें बहुत अच्छे से समझाया है।

— सुनीता भट्ट, रा.उ.मा.वि. विद्यालय, रुंदेड़ा

ये प्रोजेक्ट हमें अच्छा लगा। इससे हमें पढ़ाई के प्रति रुचि बढ़ी और कम्प्यूटर के प्रति आकर्षण बढ़ा और इसे चलाने ये ज्ञान कि वृद्धि हुई। प्रोजेक्ट में हमने 10वीं कक्षा के क्विज चलाई जिसमें हमारे सभी विषयों का वर्णन और प्रश्न थे। इस क्विज में वर्णित विषयों के बारे में जानकारी मिली। इससे हमें महत्वपूर्ण प्रश्नों की जानकारी मिली। इसे चलाने में हमें आनंद आया। रिजवान जी और आयूष जी सर ने हमें प्रोजेक्ट उत्कर्ष के बारे में जानकारी दी। इससे हमें बहुत लाभ मिला।

— राजू जाट, रा.उ.मा.वि. पलाना खुर्द, दिनांक 4-4-2016

हम अभी कक्षा X में हैं, इससे हमने कक्षा IX में प्रोजेक्ट उत्कर्ष से ज्ञान प्राप्त किया था उससे हमें कक्षा IX पास करने में काफी सहायता मिली और हम कक्षा IX में अच्छे प्रतिशत से पास होकर कक्षा X में आए, और हम कक्षा X में भी प्रोजेक्ट उत्कर्ष चला रहें हैं उसमें हमारी कक्षा X के सभी विषय हैं और हम प्रोजेक्ट उत्कर्ष से कक्षा X में भी ज्ञान प्राप्त करें और नई चीजें सीखेंगे और प्रोजेक्ट उत्कर्ष से ज्यादा से ज्यादा ज्ञान प्राप्त करने की कोशिश करेंगे जिससे की हमें फायदा हो और हम कक्षा X भी अच्छे प्रतिशत से पास हो जाए।

— कोमल खटीक, रा.बा.उ.मा.वि. कुराबड़, गीर्वा उदयपुर

Conclusions

- 1st year implementation of Project Utkarsh at Udaipur 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.
- Utilization of tablets & laptops issued by state govt. for learning purpose has increased.
- 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.
- Participation and feedback to focused remedial practice activity (Controlled Case Study) for class 10 was very positive. Program will continue to add more remedial practices as part of its regular data driven decision making and action planning.

Project Utkrash In Media

प्रोजेक्ट उत्कर्ष के तहत ऑनलाइन-ऑफलाइन टेस्ट आज से उदयपुर।

जिला प्रशासन, माध्यमिक शिक्षा विभाग, हिंदुस्तान जिक लिमिटेड के सहयोग एवं मोडनी फाउंडेशन जयपुर द्वारा संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 161 आईसीटी विद्यालयों में कक्षा 10 के 5 हजार से भी अधिक विद्यार्थियों का ऑनलाइन-ऑफलाइन टेस्ट 27 सितंबर से 3 अक्टूबर तक होगा। अतिरिक्त जिला शिक्षा अधिकारी माध्यमिक प्रथम वीरेंद्र पंचोली ने बताया कि सभी विद्यार्थी अपने विद्यालय की आईसीटी लैब के कम्प्यूटर पर टेस्ट देंगे।

316 विद्यालयों में लांच हुआ प्रोजेक्ट उत्कर्ष

स्कूल टाइमिंग के तहत होगा प्रोजेक्ट । गैर-मॉनिटरिंग डेस बोर्ड से हो सकेगी रियल टाइम मॉनिटरिंग

उदयपुर। जिला प्रशासन, माध्यमिक शिक्षा विभाग, हिंदुस्तान जिक लिमिटेड के सहयोग एवं मोडनी फाउंडेशन जयपुर द्वारा संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 316 आईसीटी विद्यालयों में कक्षा 10 के 5 हजार से भी अधिक विद्यार्थियों का ऑनलाइन-ऑफलाइन टेस्ट 27 सितंबर से 3 अक्टूबर तक होगा। अतिरिक्त जिला शिक्षा अधिकारी माध्यमिक प्रथम वीरेंद्र पंचोली ने बताया कि सभी विद्यार्थी अपने विद्यालय की आईसीटी लैब के कम्प्यूटर पर टेस्ट देंगे।

शीतकालीन अवकाश में भी 300 से ज्यादा स्कूल खुले रहेंगे

प्रोजेक्ट उत्कर्ष के तहत 10वीं बोर्ड परीक्षा की कराई जाएगी ऑनलाइन तैयारी

उदयपुर। शीतकालीन अवकाश में भी जिले के माध्यमिक शिक्षा विभाग के माध्यम से 300 से अधिक स्कूल खुले रहेंगे। प्रोजेक्ट उत्कर्ष के तहत 10वीं बोर्ड परीक्षा की कराई जाएगी ऑनलाइन तैयारी।

स्मार्ट क्लास शिक्षक प्रशिक्षण कार्यशाला का समापन

उदयपुर। जिला कलेक्टर रजिवन और वरिष्ठ स्वयंसेवक द्वारा प्रशिक्षण के दौरान शिक्षकों को कक्षा 9 व 10 के विद्यार्थियों की इमेल आईडी का अनलाइन पंजीकरण, विद्यार्थियों को मास्टर आईडी में जोड़कर एवं अल कक्षा का निर्माण के साथ-साथ शिक्षकों को प्रत्येक विद्यार्थी का विषय वार मॉनिटरिंग की जानकारी दी गई है।

प्रोजेक्ट उत्कर्ष में 30 विद्यालयों का चयन

उदयपुर। माध्यमिक शिक्षा विभाग, हिंदुस्तान जिक लिमिटेड के सहयोग एवं मोडनी फाउंडेशन जयपुर से संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 30 विद्यालयों में कक्षा 10 के 5 हजार से भी अधिक विद्यार्थियों का ऑनलाइन-ऑफलाइन टेस्ट 27 सितंबर से 3 अक्टूबर तक होगा। अतिरिक्त जिला शिक्षा अधिकारी माध्यमिक प्रथम वीरेंद्र पंचोली ने बताया कि सभी विद्यार्थी अपने विद्यालय की आईसीटी लैब के कम्प्यूटर पर टेस्ट देंगे।

प्रोजेक्ट उत्कर्ष : दक्ष शिक्षकों ने स्मार्ट क्लास का लिया प्रशिक्षण

उदयपुर। जिला प्रशासन, शिक्षा विभाग, हिंदुस्तान जिक एवं मोडनी फाउंडेशन जयपुर से संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 30 विद्यालयों में कक्षा 10 के 5 हजार से भी अधिक विद्यार्थियों का ऑनलाइन-ऑफलाइन टेस्ट 27 सितंबर से 3 अक्टूबर तक होगा। अतिरिक्त जिला शिक्षा अधिकारी माध्यमिक प्रथम वीरेंद्र पंचोली ने बताया कि सभी विद्यार्थी अपने विद्यालय की आईसीटी लैब के कम्प्यूटर पर टेस्ट देंगे।

प्रोजेक्ट उत्कर्ष में 2500 विद्यार्थियों ने दिया ऑनलाइन टेस्ट

उदयपुर। जिला प्रशासन, शिक्षा विभाग, हिंदुस्तान जिक एवं मोडनी फाउंडेशन जयपुर से संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 2500 विद्यार्थियों ने ऑनलाइन टेस्ट दिया।

161 विद्यालयों के विद्यार्थियों ने दी परीक्षा सात हजार विद्यार्थियों ने दिया ऑनलाइन टेस्ट

उदयपुर। जिला प्रशासन, शिक्षा विभाग, हिंदुस्तान जिक एवं मोडनी फाउंडेशन जयपुर से संचालित प्रोजेक्ट उत्कर्ष के तहत जिले के चयनित 161 विद्यालयों में सात हजार विद्यार्थियों ने ऑनलाइन टेस्ट दिया।

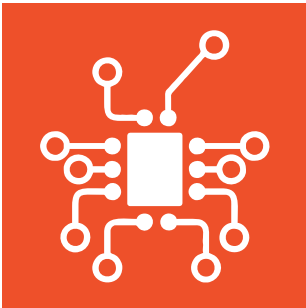
Way Forward...

In the second year of program we have planned to increase our rigor around managed intervention focused towards learning outcomes. These interventions 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 minutes lesson plan, question-facilitation techniques like Thinking Head, Peer-Learning groups, Revision techniques, Written activities post quizzes etc.

●●● प्रोजेक्ट उत्कर्ष एक नजर में ●●●

