

प्रोजेक्ट उत्कर्ष

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



ANNUAL PROGRESS REPORT 2017-18

Schools in Scope : 309 Govt. Sec. Schools with ICT
District - Jodhpur, Rajasthan

Joint Initiative By



ADITYA BIRLA GROUP



District Administration,
Dept. of Secondary Education,
Jodhpur

Moinee Foundation

Freedom By Knowledge



VASUNDHARA RAJE

Chief Minister Rajasthan

Message

I am glad to see Project Utkarsh reviving the education system in Rajasthan with the help of state government and district administration. The project has helped ICT structure available in government schools to serve its purpose by enhancing e-learning while empowering students from rural and tribal areas with digital knowledge.

The students are learning new techniques with creative syllabus, thanks to Project Utkarsh, which is also enhancing their knowledge.

This programme plays an important role in state government's efforts to make our education system strong. It has not only made education innovative and interesting for students through its unique methodology but has also helped in shaping their future by promising their all-round development. The students have learned using computers and tablets which have made them digitally strong. The smart classes & e-learning techniques allow teachers to use these interactive tools for effective teaching and online assignments.

I wish to see this project expanding in more districts of Rajasthan so that more students can benefit from it.

Further, I congratulate Jodhpur District Administration, Education Department and Moinee Foundation on successful completion of the second year of Project Utkarsh in the district. I appreciate continuous support and efforts made by teachers and school administration. I would also thank our CSR partner Aditya Birla White Cement, Kharia Khangar, Jodhpur. I wish the project very best.

(VASUNDHARA RAJE)



Dr. Ravi Kumar Surpur (IAS)

Collector & District Magistrate
Jodhpur (Rajasthan)

Message

It gives me immense pleasure and privilege to present Annual Report of Project Utkarsh, Jodhpur. In Jodhpur District, project was initiated in last academic year and considering the geographical, infrastructural and natural conditions of aspirational district like Jodhpur, I am really overwhelmed with the outcome of the project.

Project has not only been successful in term of converting ICT enabled Government schools in Smart Schools but also positively contributed in developing IT skills of students, creating innovative learning environment, improving scientific temperament of Teachers & Students, increasing enrolments in schools, better performance in board exams etc.

I 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 benefited through this initiative.

I am also thankful to Aditya Birla White Cement, Kharia Khangar, Jodhpur to provide support under CSR initiative to ensure smooth execution of the project. I am hopeful to get their support in future also.

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.

(Dr. Ravi Kumar Surpur)

Stakeholders Testimonials



I am glad to know that Project Utkarsh has successfully completed two year of implementation in Jodhpur District with the objective of bringing qualitative changes. I extend my best wishes to all stakeholders to carry forward this journey of success and achievements with full zeal and passion for betterment of the society.

Snehasis Chanda, DGM-CSR, Birla White, Jodhpur

It's very humble and proud feeling to witness the positive changes in students and facilitating ecosystem. With improved skills and awareness, students should not only experience the changes within themselves but be the positive influence in their families and communities. The outcomes of the program in Jodhpur District have been very encouraging as the real positive change on ground inspires everyone around. The credit for this goes to our executive stakeholders on ground especially the teachers, principals, project coordinators and volunteers. I extend my heartfelt wishes and support to our joint teams to have very fulfilling growth of program in Jodhpur.

Arvind Thanvi, Chief Mentor, Moinee Foundation



मुझे खुशी हो रही है कि प्रोजेक्ट उत्कर्ष ने सफलतापूर्वक दो वर्ष पूरा कर लिया है सरकार द्वारा प्रदत्त 309 आईसीटी विद्यालयों में प्रौद्योगिकी के माध्यम से शिक्षा में गुणात्मक परिवर्तन लाने के उद्देश्य से शुरू किया गया यह प्रोजेक्ट आज नए आयाम छू रहा है। जिले के ग्रामीण परिवेश में रहने वाले विद्यार्थियों को कम्प्यूटर द्वारा शिक्षा व डिजिटल साक्षरता प्राप्त करना उनके सपनों की उड़ान भरने जैसा है। मैं शिक्षा विभाग जोधपुर की ओर से आईसीटी बुनियादी ढांचे को मजबूत बनाने, क्षमता निर्माण का कार्य, तकनीकी विकास तथा स्मार्ट के लिए पारिस्थितिक तंत्र बनाने एवं प्रोजेक्ट क्रियान्वयन में सहयोग कर रहे संस्थाओं को धन्यवाद देते हुये उज्ज्वल भविष्य की कामना करता हूँ।

Shri Rameshwar Prasad Joshi, District Education Officer Secondary 1st, Jodhpur

प्रोजेक्ट उत्कर्ष शिक्षा के क्षेत्र में व आईसीटी संयुक्त सरकारी विद्यालयों के लिए मील का पत्थर साबित हो रहा है। प्रोजेक्ट उत्कर्ष ने सफलतापूर्वक दो वर्ष पूरे कर लिए हैं। जोधपुर जिले की 309 आईसीटी विद्यालयों में प्रौद्योगिकी के माध्यम से शिक्षा में गुणात्मक परिवर्तन लाने के उद्देश्य से शुरू किया गया यह प्रोजेक्ट आज नए आयाम छू रहा है। इस प्रोजेक्ट के तहत जब से विद्यार्थियों को क्विज अकैडमी द्वारा छात्र-छात्राओं को पढ़ाया जाने लगा है तभी से छात्र-छात्राओं की उपस्थिति व लर्निंग लेवल में वृद्धि हुई।

Shri Hanuman Sahay Gurjar, District Education Officer Secondary 2nd, Jodhpur



Project Utkarsh has been very important in integrating technology in education for qualitative changes. When we started our journey two year ago, major challenge was how to ensure the smooth implementation of the project especially in rural parts of the Jodhpur District but under the able guidance of District Administration and consistent support of Education Department, we have been successful to do so. I express my gratitude to all stakeholders and am hopeful to get their guidance and support in future endeavour to set new benchmark in quality education.

Dr. Vijay Vyas, Director, Moinee Foundation



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Introduction

Jodhpur is a major district in the state of Rajasthan in India. Formerly a princely state, Jodhpur is located in the Marwar region divided in 7 Sub-Divisions, 11 Tehsil and 16 blocks.

Jodhpur District has been education hub for both elementary and higher education. State Government has also been keen to develop overall infrastructure for school education and established 1,944 Primary Schools, 792 Upper Primary Schools and 965 Secondary/ Senior Secondary schools. Government also provided ICT infrastructure to 468 schools in different schemes.

Looking towards State Government's focus toward promoting quality education and digital empowerment, there has been need of an initiative which could support to ensure;

- Effective Utilization of available ICT infrastructure
- Integration of Technology at grass root level for digital empowerment
- Contribution in enhancement of Government school image
- Ecosystem for Smart-Education
- Improvement in enrollment, attendance, results etc in long run



About Project Utkarsh - Overview

With an aim to revolutionize education system in rural India, Project Utkarsh was initiated in Rajasthan 4 years back. Promising digital education for government school students, the project envisioned qualitative and accountable change.

Now, after four years of its implementation, the project stands smart, bespeaking its success story and basking in pride as it has steadily enhanced education system via tech-enabled processes and quiz-based learning.

Newer techniques have smartly paved way in those belts of the state where e-learning was a distant dream. The results in the schools running Project Utkarsh speak about its success quotient too as they are getting better each day.

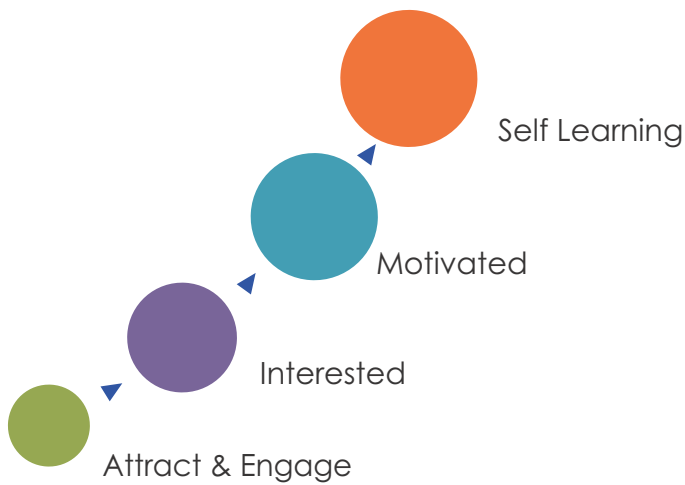
Project Utkarsh is also functional in Udham Singh Nagar District Of Uttarakhand State (since Jan - 2015) and Khed block of Pune district of Maharastra (since June - 2017).

The project aims at transversing many more boundaries to realise many more dreams of students who are yet to see the computer functioning right in front of them.

Project Utkarsh Key Objectives



Methodology & Execution Approach



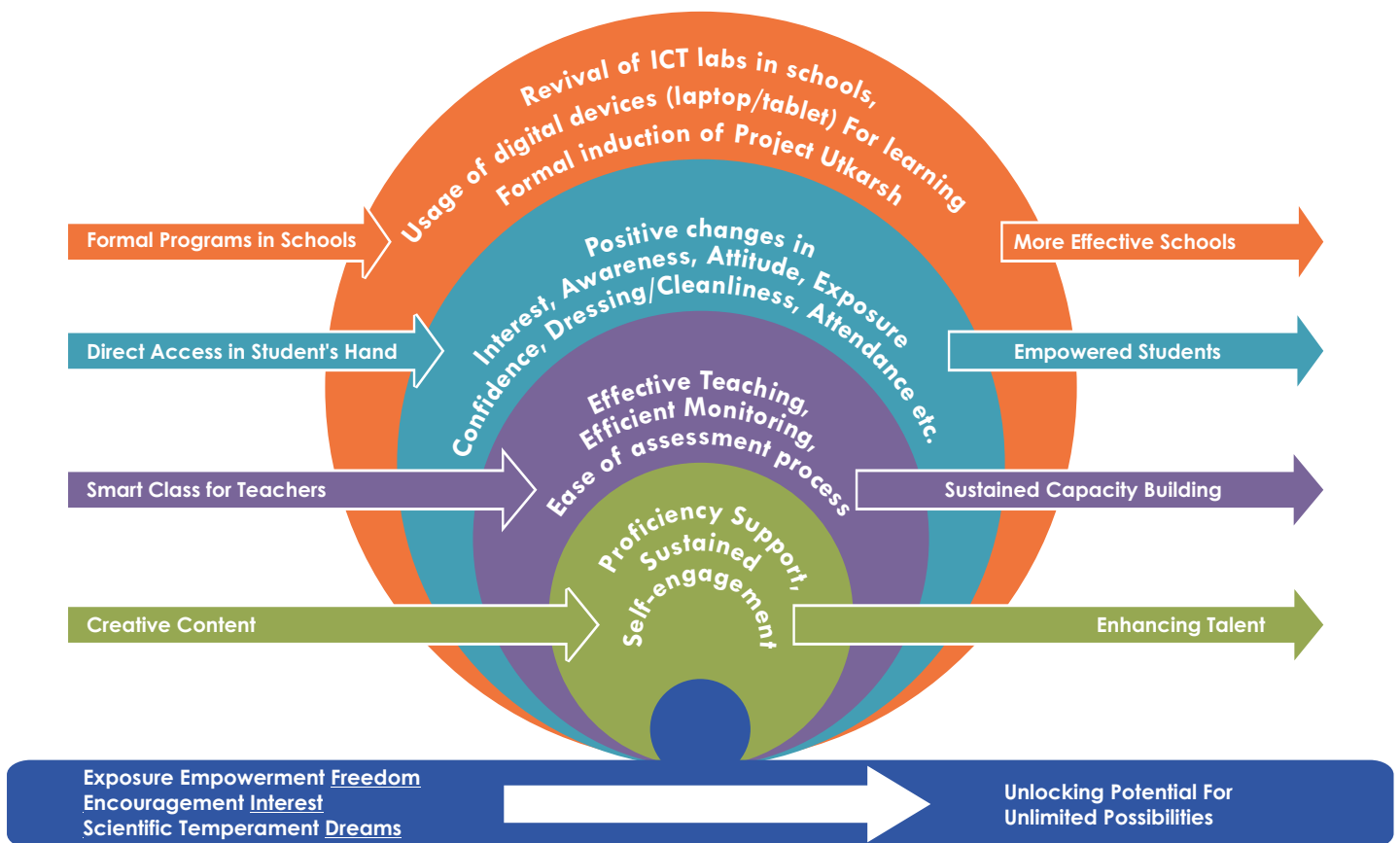
Stages of Rising
(Maturity Model)



Execution Cycle
(Continuous Improvement Model)

Theory of Change

(A pictorial representation of broader theme for ICT schools)



Project Utkarsh Key Features



CONTENT

- Multi-lingual digital content.
- Mapped with state board curriculum.
- Curiosity driven quiz based content.
- Interactive simulations, videos, ebooks etc for comprehensive learning.
- Concept based content for core fundamental subjects.
- Chapter wise content mapping.
- Focused practice sets for remedial study.
- Thought provoking question sets for better teacher - student engagement.



TECHNOLOGY

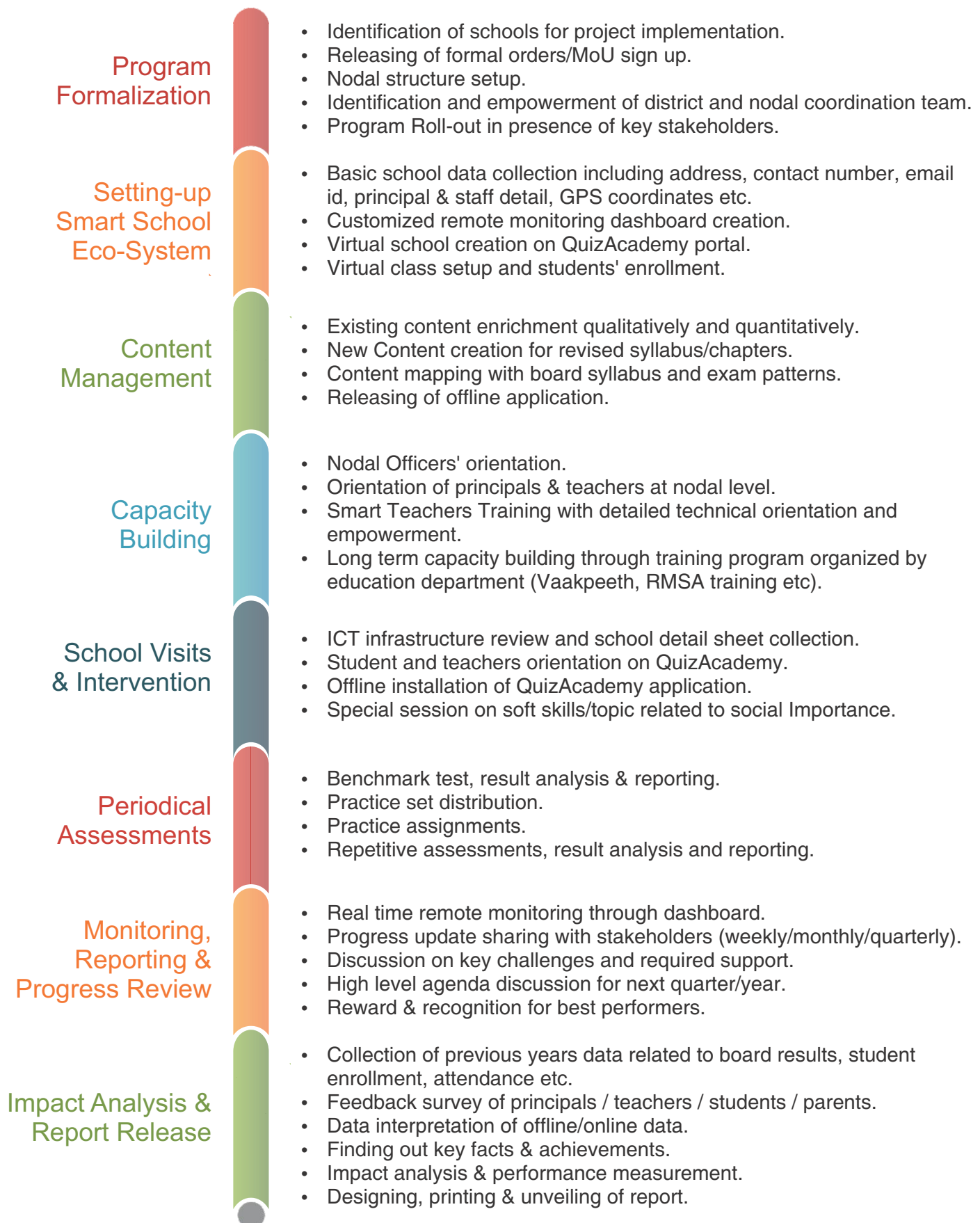
- Online & offline quiz based learning, teaching and assessment platform.
- Access for virtual school with virtual class setup to enroll students.
- Feature of custom quiz creation and assignment to multiple schools / classes.
- Customized dashboard for real time monitoring and report analysis at State / District / Block / School / Class / Teacher / Students / Subject / Chapter level.
- Adaptive learning flow to maintain learner's pace.
- Facility to integrate open source digital content as study links.
- Option to create and contribute quiz based content for global learning community.
- Word cloud facility for conceptual learning.
- Gamification of content (Like KBC) for student interest.
- Light weight structured user interface.



IMPLEMENTATION

- Top - down approach of formal program structure with well defined roles and responsibilities of key stakeholders (District Administration, district Education Department, CSR Partner and Moinee Foundation).
- Bottom - up approach to motivate stakeholders to align with program
- Regular training of principals and teachers for long term capacity building.
- Leveraging existing resources (Human and ICT Infrastructure) for optimum utilization.
- Periodical reporting, escalation and progress review among key stakeholders.
- Impact analysis on relevant indicators for gap identification and better outcome.
- Focused efforts for low performing block and schools.
- Practice assignment and formal assessment for performance benchmarking.
- Random schools visits for ICT infrastructure review and student orientation.

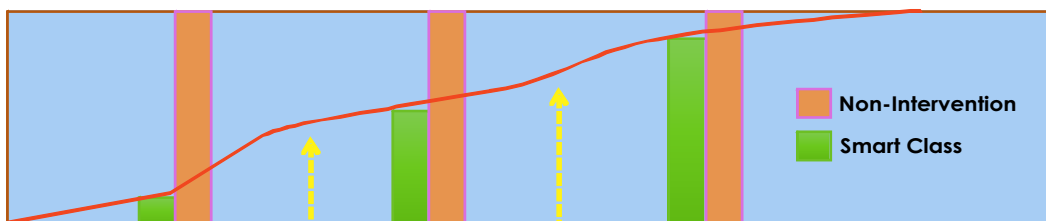
Project Utkarsh Key Activities



Multi-Year Road Map

District-wide Launch

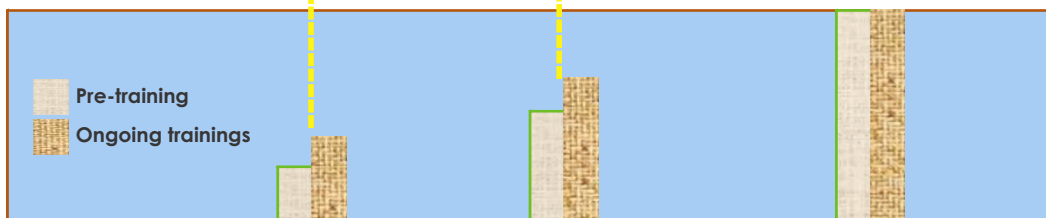
(Smart Class and non-intervention)



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

Capacity Building (external means)

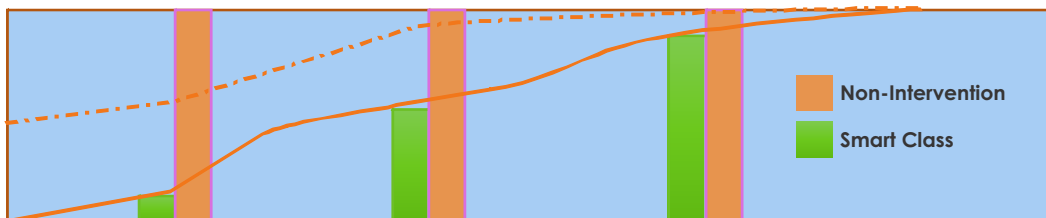
Continue Education, B.Ed. Colleges, Teacher Training centers, etc.



*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

District Rollout Road Map

Project Utkarsh District rollout roadmap span over 3-4 years to cover relevant ICT schools in the district with sufficient practice and culture buildup in the schools. Primarily activities of program comprise of :

Establishing District level 'Model Schools (Smart-Class)' for best practices

- Project starts with establishing minimum 5% schools (or one school per block) as Model Schools.
- Key activities include dedicated student and teacher training, virtual class creation, smart teacher training and remote monitoring.
- Regular visit by experts as needed.
- Planned assessments for understanding learning impact.

Establishing Nodal/Block Structure to roll out in all Govt. ICT Schools of District

- Nodal structure is created to train the teacher at nodal level who provide the setup support and guidance to schools under their node. One node is a logical group of approx 10-15 schools.
- Every school gets self-help guide and nodal expert support to implement it in their schools.
- A formal schedule is included in each school for ensuring lab usage regularly and will be monitored remotely based on usage.

Remote Monitoring

- Online customized dashboard for monitoring.
- Impact assessments and independent review.

Capacity Building

- Internal regular training program for teachers, nodal officers & nodal champions.

Project Utkarsh In Jodhpur

In Jodhpur First phase of Project Utkarsh started in December'15 under the guidance of Mr. Pritam B. Yashwant-IAS (Then District Magistrate & Collector- Jodhpur District) by Department of Secondary Education Jodhpur and Moinee Foundation through CSR support of Ultratech Cement Pvt. Ltd. (Unit - Birla White), Kharia Khangar, Jodhpur covering 103 Govt. ICT schools of District.

Under the able guidance of Mr. Bishnu Charan Mallick-IAS (Then District Magistrate & Collector- Jodhpur District), within an year of project initiation 90% schools revived their computer lab for its proper usage, Teachers got trained by Project Utkarsh team on how to use smart class effectively, students got enrolled to the smart class and started learning & practicing their course subjects also have attempted formal assessments online. Mrs. Nutan Bala Kapila (Then Deputy Director Of Secondary Education, Jodhpur) given her full contribution and guidance to Education Department to ensure every school's ICT lab should get revived and students get benefit of this.

Seeing these results, In January'17, Honourable Chief Minister of Rajasthan Smt. Vasundhara Raje rolled out Project Utkarsh for remaining 206 government ICT schools in district as Second Phase. The project was started under the guidance Mr. Bishnu Charan Mallick-IAS (Then District Magistrate & Collector- Jodhpur District) and again through CSR support of Ultratech Cement Pvt. Ltd. (Unit - Birla White), Kharia Khangar, Jodhpur.

Now under the proficient leadership of Dr Ravi Kumar Surpur-IAS (District Magistrate & Collector- Jodhpur District), project is being smoothly implemented in all 309 ICT schools of Jodhpur District with major focus upon learning level outcome, peer and group learning, planned intervention in low performing schools etc. 103 Schools of first phase implementation will be handed over to Education Department by end of academic year 2018-19 for self sustained independent implementation. II phase of Project Utkarsh for 206 schools will continue till end of academic session 2019-20.

309

Schools Covered

850+

Teachers Trained

33,500+

Students Benefited



Team Structure

Chairperson

- ◆ Dr. Ravi Kumar Surpur - IAS
(Collector & District Magistrate, Jodhpur)

Governing & Administrative Team

- ◆ Shri Prabal Pratap Singh
(Sr. Functional Head HR & Admin, Birla White, Jodhpur)
- ◆ Shri Rameshwar Prasad Joshi
(District Education Officer (Sec. I), Jodhpur)
- ◆ Shri Hanuman Sahay Gurjar
(District Education Officer (Sec. II), Jodhpur)
- ◆ Shri Snehasis Chanda
(DGM-CSR, Birla White, Jodhpur)
- ◆ Dr. Vijay Vyas
(Director, Moinee Foundation)

Monitoring & Coordination Team

- ◆ Shri Anil Tanwar
(District Coordinator, Project Utkarsh, Jodhpur)
- ◆ Shri Dinesh Jajoo
(District Coordinator, Project Utkarsh, Jodhpur)
- ◆ Shri Anurag Jain
(Operations Head, Moinee Foundation)
- ◆ Shri Manish Kumar Sharma
(Sr. Project Manager, Moinee Foundation)
- ◆ Shri Akshay Bohra
(Project Manager, Moinee Foundation, Jodhpur)
- ◆ Shri Deepak Parihar
(Asth. Project Manager, Moinee Foundation, Jodhpur)
- ◆ Shri Giriraj Bohra
(Project Coordinator, Moinee Foundation, Jodhpur)
- ◆ Shri Dharmendra Dadhich
(Project Coordinator, Moinee Foundation, Jodhpur)
- ◆ Shri Mohit Vyas
(Project Coordinator, Moinee Foundation, Jodhpur)

Key Advisory Team

- ◆ Shri Sunil Kulwal
(SBU Head, Birla White, Jodhpur)
- ◆ Shri Arvind Thanvi
(Chief Mentor, Moinee Foundation)
- ◆ Shri Mahipal Kumar
(Add. Dist. Magistrate II, Jodhpur)

Audit & Advisory Team

- ◆ Shri Ashok Bishnoi
(Ex-ADEO, Sec.-I, Jodhpur)
- ◆ Shri Om Singh Rajpurohit
(ADEO, Sec.-I, Jodhpur)
- ◆ Smt. Soniya Sharma
(Ex-ADPC-RMSA, Jodhpur)
- ◆ Shri Vijay M. Vyas
(Advisor, Moinee Foundation)
- ◆ Shri Vipin Saxena
(Officer CSR, Birla White, Jodhpur)
- ◆ Shri Vinay Kumar Bissa
(Sr. Software Engineer, Moinee System)

Nodal Level Coordination & Execution team

- Shri Ramchandra Gehlot • Shri Anil Kumar Sankhla
- Shri Visnu Parkash • Shri Subhash Chand Sharma
- Shri Mansukh Paliwal • Shri Bhagwan Sahai
- Shri Inder Singh • Shri Ravindra Singh Rathore
- Shri Bherusingh Sandu • Smt. Usha Changani
- Shri Pratap Ram • Shri Gauri Shankar Vyas
- Shri Babulal Sharma • Shri Suraj Dudheria
- Shri Gopal Lal Bohra • Shri Hari Singh Bhati
- Smt. Rama Asnani • Shri Allahdeen Tak
- Shri Ashok Kumar Sharma • Shri Naina Ram Jani
- Shri Ghanshyam Gaur • Dr. Sharmila Gaur
- Dr. Banshi Lal Jakhar • Shri Bhawani Singh Asiya
- Shri Suresh Kumar • Shri Shambhu Singh Jodha
- Shri Jaitsingh Rathore • Shri Hari Krishnani
- Shri Himmat Singh Tanwar

Events & Engagement - Year 2017-18

1. Unveiling of Annual Progress Report (Phase I) of Project Utkarsh Jodhpur by Honourable Chief Minister, Rajasthan. (Jan'17)



2. Program formalization & MOU signed up among key stakeholders for Phase II implementation of project in 206 schools. (Jan'17)



3. Launching of Phase II of Project Utkarsh in Jodhpur district by Honorable Chief Minister, Rajasthan. for 206 ICT Schools (Jan' 2017)



4. School visits for ICT infrastructure review, staff alignment and identification of school coordinator for effective execution. (Mar'17)



5. Student's orientations and soft-skill sessions in schools to initiate ground level activities and ensure functionality of ICT Lab. (Apr'17)



6. School teacher leveraging ICT lab and QuizAcademy platform as an innovative pedagogical tool for effective teaching. (Apr'17)



Events & Engagement - Year 2017-18

7. Block level teacher training covering orientation, hands on practice on QuizAcademy, time-table setup for lab usage. (May'17)



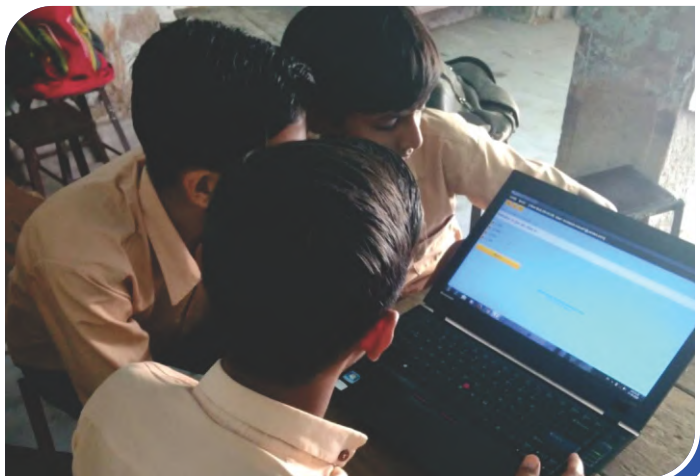
8. Orientation of students to empower them for peer to peer learning. (Jul'17)



9. Time-Table created by school administration for planned use of ICT labs by subject teacher. (Jul'17)

उत्कर्ष प्रोजेक्ट - समय सारणी						
दिन	1	2	3	4	5	6
सोम	अंग्रेजी	-	-	-	-	अंग्रेजी
मंगल	विज्ञान	-	-	-	-	विज्ञान
बुध	-	गणित	गणित	-	-	-
गुरु	-	-	हिन्दी	हिन्दी	-	-
शुक्र	-	सा.वि.	-	सा.वि.	-	-
शनि	-	-	-	-	संस्कृत	संस्कृत

10. Group learning, self-study & hands-on practice by students on regular basis leveraging QuizAcademy platform. (Jul'17)



11. Students practicing their curriculum based questions on QuizAcademy leveraging ICT lab as smart class. (Jul'17)



12. Reward & Recognition ceremony for best performing school coordinators organized under the guidance of Honourable District Collector Dr. Ravi Kumar Surpur. (Jul'17)



Events & Engagement - Year 2017-18

13. Key stakeholders meeting with Honourable District Collector in Vaakpeeth. (Jul'17)



14. Smart teachers training in selected schools covering hands-on practice, virtual class setup, students enrollment etc. (Aug'17)



15. Smart teachers training for all ICT schools for long term Capacity Building. (Aug'17)



16. Quizzing session by Project Utkarsh team for students engagement and behavioral change. (Aug'17)



17. Periodical online/offline benchmark test/assessment for emphasising the weak topics which need to be focused. (Sep'17)



18. Quizzing sessions on QuizAcademy platform by trained students to promote peer to peer learning/group study. (Sep'17)



Events & Engagement - Year 2017-18

19. School visits for student orientation with QuizAcademy for the schools having low usage in smart-class. (Nov'17)



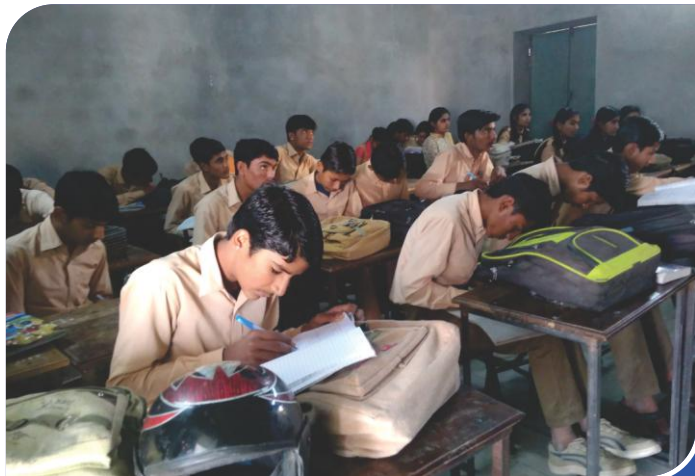
20. Shared updates with Honourable District Collector and Education Department. (Jan'18)



21. Students of Class 10th solving focused/remedial practice sets of science and maths subject covering fundamental and important topics under CCS (Control Case Study). (Feb'18)



22. Total 42 schools were selected in CCS. Students practicing in Project Utkarsh notebook. (Feb'18)



23. Sharing Project Utkarsh updates to DEO & ADEO highlighting schools usage, participation, remote monitoring view and ICT lab status. (May'18)



24. Review Meet with District Administration, Education Department, CSR and Principals. (May'18)



Legend:

- Not Enrolled [92]
- Enrolled [0]
- Started [2]
- Started+Active [0]
- Model Inprogress [74]
- MIP+Active [0]
- Model Setup Completed [141]
- Model + Active [0]

Summary:

Category	Count
Total Schools	309
Total Classes	555
Enrolled Students	15395
Quizzes By Students & Teachers	59,868

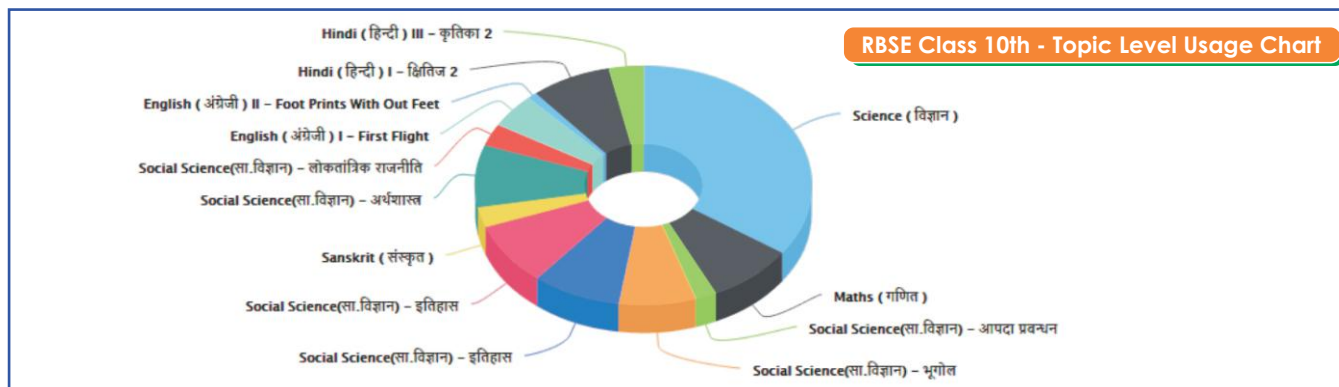
Block	School Name	School_Status	Class Name	Enrollments in Class	Quizzes played by Teaching ID	Quizzes played by Student IDs	Assignments given	Quizzes played for Assignments	Usage by Teachers in last 15 days	Usage by Students in last 15 days
Jaiwal Kallan	Govt. Sr. Sec. School, Jaiwal Bhatiya (Total Students (9+10) = (61+35+96))xTotal Computers :9 Working Computers :2 Internet Status :Working Dongle Seating Capacity :30)	Model_School	Class_09_(2017-18)	59	2	211	0	0	0	211
Phalodi	Govt. Sec. School, Bamnu (Total Student (9+10) = (43+42+85))x()	Model_School	Class09_2017_18	42	2	186	1	0	0	186
Siwanchi Gate	Govt. Girls Sr.Sec. School, Shastri Nagar, Jodhpur (Total Student (9+10) = (62+32+94))xTotal Computers :10 Working Computers :7 Projector:LED Status :Working Projector :Internet Status :	Model_School	Class09_2017_18	54	365	544	0	0	0	181

[illegible]

19

Usage Of Technology

Deep Dive Analytics, Monitoring & Reporting



Qualitative Usage Reports



Email Id	Name	Smart Class Status	Usage Count	Last 14 Day Usage Count	Last Date Of Use
aartiojha0707@gmail.com	bhimaarti ojha	Started	259	18	2018-04-03, 22:00:39
ajay5062001@gmail.com	bhimajay	Started	5	1	2018-03-16, 10:59:34
ajaymeghwaal@gmail.com	bhimajay meghwal	Started	58	12	2018-04-04, 10:00:47
anita12052003@gmail.com	bhimanita	Started	51	9	2018-04-04, 09:56:07

Project Utkarsh Outcomes

Reach

- 309 Govt. Sec/Sr. Sec. schools with ICT infrastructure where program is formally rolled out.
- 30,000 students per year are direct beneficiary.
- Maximum schools are in rural area of district.

Infrastructure Status (ICT LAB)

- ICT infrastructure worth Rs 12 Cr. activated and put to use for Smart-Class.
- 217 labs are activated, put to use which are now showing online/offline usage on district dashboard.
- 1200+ computers put in regular use.

Capacity Building

- 338 teachers & 212 principals of 309 schools oriented and trained to run the program.
- 300+ additional teachers trained for long term capacity building in various training programs, workshops and Vaakpeeths organised by Education Department.
- 261 smart teachers trained with hands-on practice.
- 49 trainings session conducted at nodal & district level.

Skill Development

- 12000 + students got hands-on training for computer usage for learning purpose.
- 205+ sessions conducted at schools covering soft skills & personality development sessions.
- 6000+ students across 45+ schools were directly benefited 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.

Government Alignment

- Regular review by District Administration & Education Department.
- 20+ formal orders & notices issued for various trainings, assessments & other key activities to increase rigor & serious participation.
- Regular review by District Administration & Education Department to check the progress.

Remote Monitoring

- 309 schools on district remote dashboard for real time monitoring.
- Weekly progress and usage reporting to all stakeholders.
- 15000+ students email ids are created, enrolled and mapped to over 555 virtual classes.
- Qualitative usage analysis of individual user on real time basis.
- Data driven decision making used for planning & continuous improvement.

Learning Impact

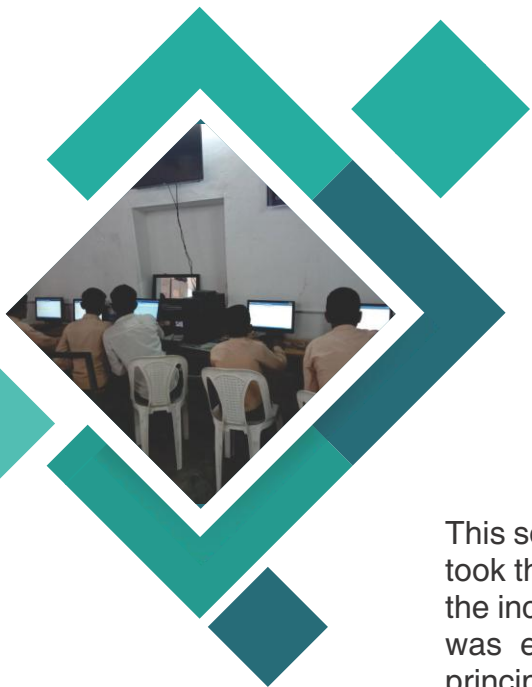
- As per the class 10 board result, 25.09% is the average result change for schools having poor performance and selected as part of a control group, where regular usage of ICT, assessments, focused remedial practice on fundamental topics etc were executed and monitored.
- The trend for students failing the class 10 exam has also decreased for the control group. It was 20.08% less in comparison to last year.
- Increase in students with first division is 7.13%. Also there is decrease in number of supplementary students by 5.97%.

Success Stories

Government Senior Secondary School Dangiyawas, Jodhpur

Initially even located in Jodhpur urban area, this school's ICT lab was not functioning. After coming in scope of Project Utkarsh, this school's computer lab got revived which allowed students to use lab to learn and practice on Project Utkarsh quiz based learning portal QuizAcademy through which class 9th and 10th student's scientific temperament increased significantly. Student's enthusiasm towards learning and practising on computers was extremely amazing.

School has been most consistent in regular practice as smart class, assignment completion and other activities. For improvement in board results, this school was taken under Focused Study (CCS) for Class 10th and this made a delta change of 40% (60% to 100%) in overall results.



Government Senior Secondary School Ransigaon, Jodhpur

This school is located in rural area of Jodhpur District. This school took this project as a mission and delivered excellent results from the inception of the project since Dec 2015. Students participation was extremely enthusiastic. As per the feedbacks from their principal, students rushed to computer labs for smart class after prayers. Attendance was drastically improved after coming in the Scope of Project Utkarsh.

Participation of School in Assessments/Online as well as in learning and Practicing in Smart Class was consistent. For improvement in board results, this school was taken under Focused Study(CCS) for Class 10th and this made a delta change of 33.70% (57% to 90.70%) in overall 10th Board Results.

Teachers Feedback

प्रोजेक्ट उत्कर्ष के तहत बच्चों में पढ़ाई के साथ साथ कंप्यूटर चलाने व ऑनलाइन टेस्ट तथा पुस्तक ज्ञान की कौशलता बढ़ी। ICT उपकरणों का नियमित उपयोग होने लगा है। बच्चों में कंप्यूटर की हिचखीचाहट दूर होने लगी तथा पढ़ाई में रुचि बढ़ने लगी। उनको नई तकनीकी के बारे में जानकारी होने लगी।

राकेश मेघवाल

कंप्यूटर प्रभारी, रा. उ. मा. वि., बनाड़, (जोधपुर)

यह प्रोजेक्ट वर्तमान समय में विद्यार्थियों को नई तकनीक से अवगत करवाता है। वर्तमान परिप्रेक्ष्य में इस प्रकार की तकनीक विकसित करना अपने आप में बड़ा कार्य है। इस विद्या से बच्चों को कंप्यूटर की जानकारी भी प्राप्त हो जाती है। यह अच्छा कदम है।

राजेंद्र कुमार

वरिष्ठ अध्यापक, रा. उ. मा. वि., (जोधपुर)

प्रोजेक्ट उत्कर्ष में कंप्यूटर शिक्षण के तहत छात्र छात्राओं को क्विज एकेडमी से जोड़ने से सभी विद्यार्थी परीक्षा से पहले परीक्षा की तैयारी कर सकते हैं इससे छात्रों को आने वाले वर्षों में कंप्यूटर शिक्षा के साथ साथ प्रतियोगिता परीक्षा हेतु भी जुड़ने में आसानी रहेगी। प्रोजेक्ट उत्कर्ष को अधिक से अधिक विद्यालय व विद्यार्थियों को जोड़ने से विद्यार्थियों को व्यवहारिक ज्ञान भी प्राप्त होगा।

आनन्द कुमारी

पूर्व प्रधानाचार्या
रा. आ. उ. मा. वि., ऊँटाम्बर (जोधपुर)

प्रोजेक्ट उत्कर्ष द्वारा चलाए जा रहे कंट्रोल केस स्टडी विद्यार्थियों के लिए बहुत उपयोगी है। उसके माध्यम से बोर्ड परीक्षा के लिए विषय की तैयारी में सहायता मिलेगी। यदि ऐसे विषय वस्तु सभी विषयों के लिए तैयार किया जाए तो विद्यार्थियों को और अधिक लाभ होता है। प्रोजेक्ट उत्कर्ष द्वारा चलाए जा रहा कार्यक्रम निश्चित तौर पर सराहनीय है।

कमला राठौड़

प्रधानाचार्या

रा. आ. मा. विद्यालय, डाँवरा (जोधपुर)

इस डिजिटल युग में बच्चों की रुचि मोबाइल और कंप्यूटर पर रहती है तो उनकी रुचि के अनुसार ही क्विज एकेडमी प्रोग्राम आया है। बच्चों को उत्साह इतना अधिक है कि हमारा कालांश कब आएगा। बच्चे कालांश में अपना अभ्यास करते हैं उसके बाद घर जाकर अपने पिताजी का मोबाइल लेकर क्विज एकेडमी पर अभ्यास करते हैं। क्विज एकेडमी वस्तुनिष्ठ प्रश्नों पर आधारित होने से बच्चों को छोटे छोटे टॉपिक भी याद रहने लगे हैं। मैं अपनी तरफ से क्विज एकेडमी की पूरी टीम को धन्यवाद देता हूँ।

सुरेंद्र सुथार

वरिष्ठ अध्यापक

रा. उ. मा. वि., नान्दिया खुर्द (जोधपुर)

हमारे विद्यालय में प्रोजेक्ट उत्कर्ष के तहत कंट्रोल केस स्टडी कार्यक्रम चल रहा है जिसमें विज्ञान व गणित के महत्वपूर्ण प्रश्न हल करवाए जाते हैं जो माध्यमिक शिक्षा बोर्ड परीक्षा के दृष्टिकोण से महत्वपूर्ण है। यह प्रोजेक्ट हमारे विद्यालय में निरंतर चला रहे हैं।

लीखमराम

कार्यवाहक, रा. बा. मा. वि., रणसी गाँव (जोधपुर)

Students Feedback



मेरा नाम पूजा / पुत्री श्री मुन्नाराम, वर्तमान में रा. उ. मा. वि. डांगियावास में कक्षा 10 की छात्रा हूँ। मेरा परीक्षा परिणाम कक्षा 9 में 54.17% से बढ़कर कक्षा 10 मा. शिक्षा बोर्ड परीक्षा 2018 में 71.17% हो गया। सरकार द्वारा शिक्षा के क्षेत्र में विभिन्न प्रकार के नवाचारों के अंतर्गत विद्यालय में प्रोजेक्ट उत्कर्ष कार्यक्रम चल रहा है। उत्कर्ष प्रभारी श्री हेमसिंह चौहान द्वारा इस रुचिपूर्ण पाठ्यक्रम को समझाया व उनकी प्रेरणा से इसके अंतर्गत क्विज खेली जाती है, जिससे सम्पूर्ण पाठ्यक्रम की जानकारी मिलती है। समय समय पर ऑनलाइन परीक्षाएँ भी आयोजित की जाती है जिससे मेरी शिक्षा पर सकारात्मक प्रभाव पड़ा, जिसके परिणाम स्वरूप गणित जैसे कठिन विषय में 91% आए है। मेरे गांव में इस प्रकार की डिजिटल शिक्षा नवाचार के लिए मेरे प्रधानाचार्य, अध्यापको व प्रोजेक्ट उत्कर्ष टीम का आभार प्रकट करती हूँ।

पूजा, रा. उ. मा. वि., डांगियावास (जोधपुर)



मैं रूपा राम / पुत्र श्री सोहन राम, वर्तमान में रा. उ. मा. वि. नान्दिया खुर्द, बावड़ी का छात्र हूँ। जब मैंने कक्षा 8 उत्तीर्ण की तब मैंने पढ़ाई छोड़ने का मन बना लिया था साथ ही मैंने विद्यालय आना छोड़ दिया था उस समय मेरे साथियों ने मुझे बताया की विद्यालय में नये प्रोजेक्ट के तहत कंप्यूटर द्वारा शिक्षा प्रदान की जा रही है मेरी रुचि हुई और मैंने विद्यालय में मोइनी फाउंडेशन के तहत प्रोजेक्ट उत्कर्ष जो की शिक्षा को समर्पित प्रोग्राम है उससे पढ़ने और वस्तुनिष्ठ प्रश्न हल करने से मेरी रुचि पढ़ाई में हुई जिसकी वजह से मैंने कक्षा 9, 10, और 11, अच्छे नम्बरो से उत्तीर्ण कर आज कक्षा 12 में अध्ययनरत हूँ इसका श्रेय मोइनी फाउंडेशन के तहत प्रोजेक्ट उत्कर्ष की पूरी टीम और हमारे विद्यालय के विद्वान शिक्षको को जाता है। श्री सुरेंद्र जी सुथार के मार्गदर्शन में हमे ICT कंप्यूटर लेब में नियमित रूप से अभ्यास करवाया जाता था।

रूपा राम, रा. उ. मा. वि., नान्दिया खुर्द, बावड़ी (जोधपुर)

कंप्यूटर से पढ़ने में मजा आता है आसानी से सवाल याद कर सकते है। कंप्यूटर द्वारा ईमेल आईडी बनाना सीखें और हमें किताबों से सवाल कम याद होते हैं और कंप्यूटर से जल्दी याद हो जाते हैं और कंप्यूटर पर पढ़ाई करना बहुत अच्छा लगता है और बहुत मजा आता है।

सुखदेव

रा. आदर्श उ. मा. वि., उम्मेद नगर (जोधपुर)

कंप्यूटर पर क्विज एकेडमी द्वारा पढ़ना अच्छा लगता है। हमें जो भी विषय पढ़ना है वह क्विज एकेडमी द्वारा पढ़ सकते है और क्विज एकेडमी से कोई परेशानी नहीं आती है और जब हम स्कूल में बैग नहीं लाए तो भी कंप्यूटर से आसानी से पढ़ाई कर सकते है। हम कंप्यूटर पर मेल आईडी डालकर हम अपनी पढ़ाई कर सकते है। हमें इससे बहुत कुछ सीखने को मिलता और कंप्यूटर पर ऑफलाइन व ऑनलाइन दोनों पढ़ाई कर सकते है।

संपत गिरी

रा. उ. मा वि, नान्दिया खुर्द (जोधपुर)

कंप्यूटर पर क्विज एकेडमी द्वारा पढ़ाई करना अच्छा लगता है। हमारे को कंप्यूटर पर ऑनलाइन से पढ़ना अच्छा लगता है। इससे एक फायदा है कि हमें कंप्यूटर पर जल्दी ही याद हो जाता है और पढ़ते समय बोर नहीं होते। कंप्यूटर में तो खेलते खेलते पढ़ सकते है और किताबों से बोर हो जाते है। हम लोग रोज कंप्यूटर पर पढ़ते है और हमें बहुत मजा आता है।

सवाई गर्ग

रा. आदर्श उ. मा. वि., उम्मेद नगर (जोधपुर)

मुझे कंप्यूटर बहुत अच्छा लगता है कंप्यूटर पर हम कोई भी विषय निकाल कर पढ़ाई कर सकते है। कंप्यूटर का जीवन में बहुत महत्व रहता है और मुझे कंप्यूटर का ज्ञान बहुत अच्छा लगता है। कंप्यूटर पर पढ़ाई करने में बहुत मजा आता है।

राजू मेघवाल

रा. उ. मा. वि., जुड (जोधपुर)

Conclusion

- Project Utkarsh has been able to create ecosystem for quality education through smart-classes & e-learning.
- It has optimally leveraged available resources including ICT Infrastructure and Human Resource of Education Department.
- Remote monitoring through district dashboard and regular review by key stakeholders played vital role in project success.
- It has positively contributed towards digital India mission through digital empowerment at grass root level.
- Positive changes in terms of 10th Board results, students attendance in classroom, new enrollment in higher classes, drop out control has been observed in Project Utkarsh enabled schools.

Way Forward

With strong data trends on revival of ICT labs and improvised board results through effective adaptation of Project Utkarsh, we continue to increase our rigor around managed intervention focusing towards improved learning outcomes. These interventions are designed around following aspects:

- Introduction of best practices to improve learning level Impact (Eg. Control Case Study / Practice Set).
- Capacity building of teachers to independently manage virtual smart class ecosystem.
- Focused intervention for low performing blocks.
- Alignment of block level administration for smooth execution of program at grass-root level.
- Strategic efforts for organic growth of program with maximum participants of students.

And in the third year of program (for first phase schools of Project Utkarsh);

- Helping education department to improve school performance in different parameters related to quality education.
- Focused intervention for low performing school to improve school results.
- Systematic transition of project to education department for self sustained independent implementation.



प्रोजेक्ट उत्कर्ष

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



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