

प्रोजेक्ट उत्कर्ष

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



ANNUAL PROGRESS REPORT 2015-16

District : Jodhpur, Rajasthan

Schools in scope : 103 Govt. Sec. Schools with ICT
(Blocks: Bhopalgarh, Bilara, Baori, Mandore)

Joint Initiative By



**District Administration,
Dept. of Secondary Education,
Jodhpur**

Moinee Foundation
Freedom By Knowledge



VASUNDHARA RAJE
CHIEF MINISTER RAJASTHAN

Message

It is good to know that Project Utkarsh is being implemented in ICT-enabled Government Schools of Rajasthan to integrate technology in education for overall qualitative changes.

The state government is constantly working towards a strong education system which gives our learners all the skills, knowledge, foundation, resources and the eco-system they need to succeed. Project Utkarsh is one of the programs, which is helping us fulfil the dream of quality education. It is helping our administration champions in bringing systematic changes with high inclusion.

On completion of one year of the program, I congratulate the District Administration for its excellent implementation on ground. I would like to thank our leaders and torch-bearers in education department, specially the teachers without whom such programs cannot be realized. I would also thank all other stakeholders including our CSR Partner Aditya Birla Group 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 making it accessible to more and more students.

(Vasundhara Raje)



CONTENTS

Education Snapshot of Rajasthan & Jodhpur District	3
Problems Statement	4
Our Proposed Solution - Project Utkarsh	5
Project Utkarsh-First Phase	6
Multi Year Roadmap	
Yearly Activities	7
Roadmap & Execution Plan	
Team Structure	8
Overview of Key Activities	9-12
Remote Monitoring Dashboard In QuizAcademy	13
District Dashboard-map Monitor	
Real-time Monitoring of Online Tests	
Deep Dive Analytics, Monitoring & Reporting	14
Qualitative Usage Reports	
Project Utkarsh - Outcomes	15
Focused Block Implementation	16
Overview of Key Activities	17
Stakeholders Testimonials	18
Feedback (Teachers)	19
Feedback (Students)	20
Feedback (Parents)	21
Conclusions	22
Project Utkarsh in Media	23
Way Forward	24

Education Snapshot of Rajasthan & Jodhpur District

Title	Year	Details	
		Rajasthan	Jodhpur
Population (in number)			
Rural	2011	51551915	2422551
Urban	2011	17048085	1264614
Total	2011	68600000	3687165
Literacy (in percentage)			
Men	2011	79.19%	78.95%
Women	2011	52.12%	51.83%
Rural	2011	62.30%	58.48%
Urban	2011	80.70%	79.38%
Total	2011	67.06%	65.94%
Govt. Schools and Enrollments (in number)			
Primary Schools	2016	31754	2038
Upper Primary Schools	2016	19236	878
Secondary Schools	2016	13659	575
ICT Sec. Schools	2016	6736	309
Enrollments (Elementary)	2016	3649115	187518
Enrollments (Secondary)	2016	4379819	181624

<

(A)	65.70 % population of Jodhpur lives in rural areas.
(B)	There is substantial differences between Literacy rate of men & women.
(C)	Rural area of Jodhpur is less litrate as per the census 2011.
(D)	Literacy rate of Jodhpur District is less than State literacy.
(E)	Jodhpur District comprises 5.37% population of total State's population where as total stake of Jodhpur District in no. of Govt. secondary schools of state is 4.20%
(F)	Conversion of Govt. Schools in ICT Schools of Jodhpur District (53.73%) is better than State. (49.31 %)
(G)	Average enrollment in Secondary Schools of Jodhpur (326 Students per school) is slightly better than State Average 320 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

Proposed Solution

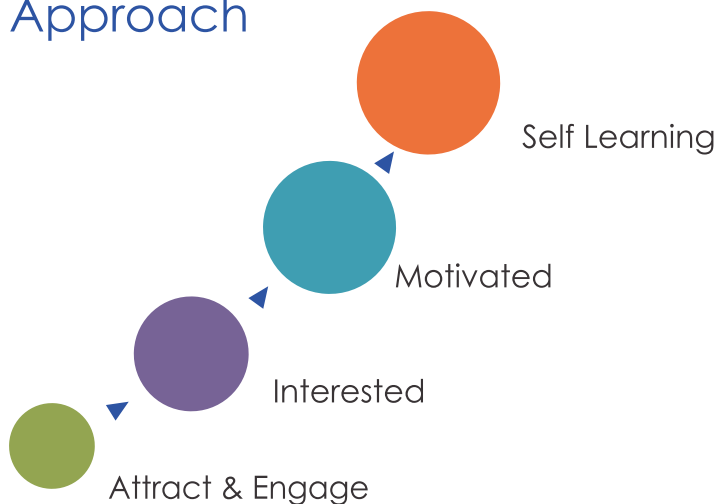
Project Utkarsh

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

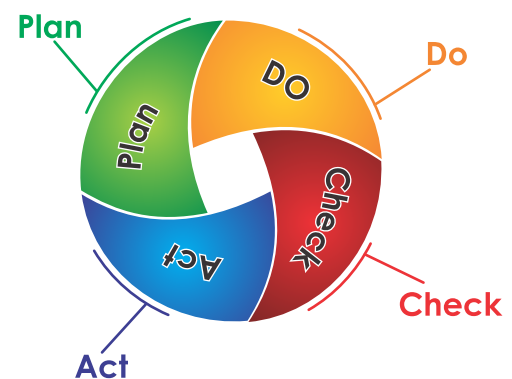
Key Objectives

- | | | | |
|----------|--|----------|--|
| 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)

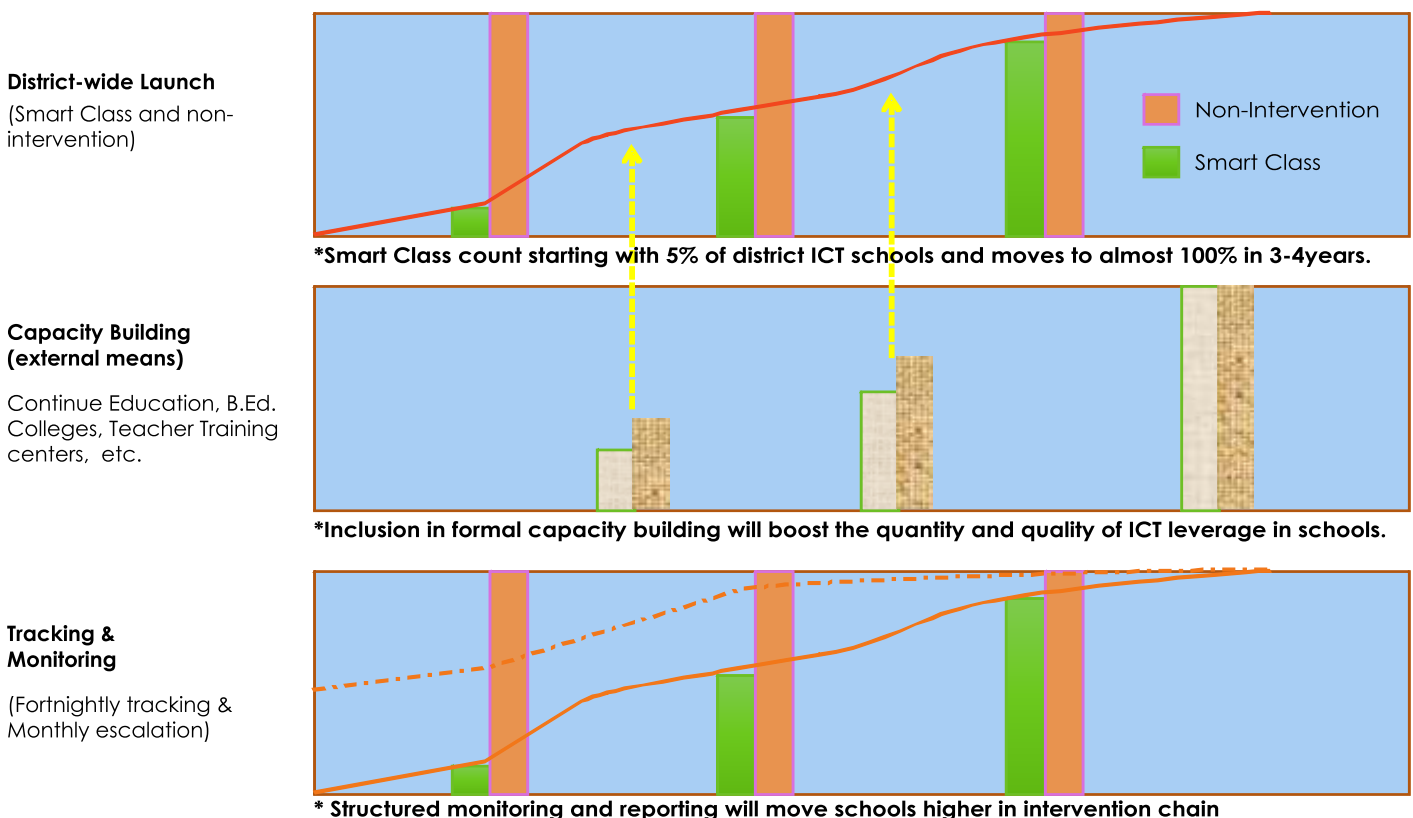
Project Utkarsh – First Phase (Dec'15 - Dec'16)

(Scope : 103 ICT Schools of four blocks)

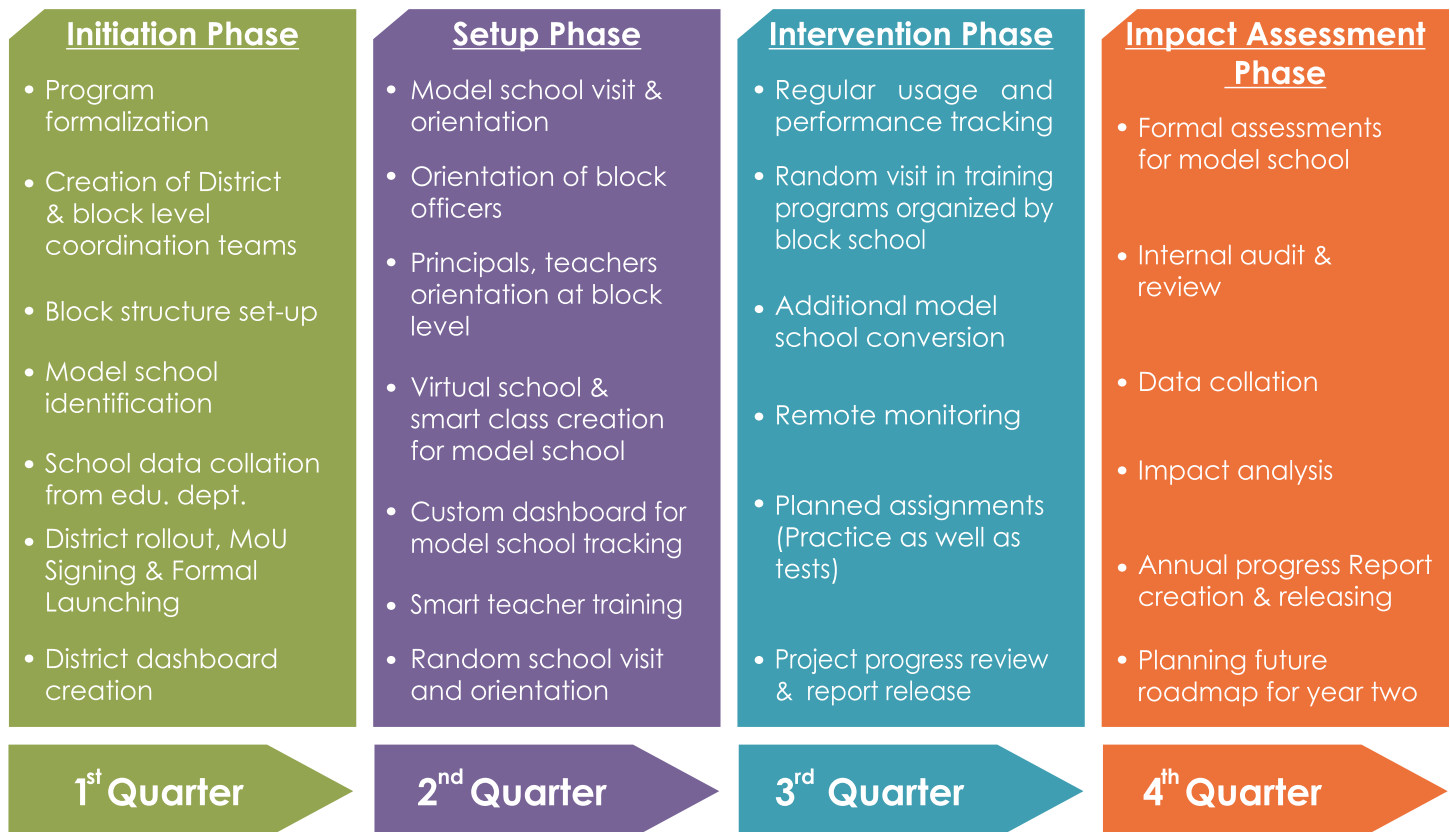
- Project rollout and implementation in 103 ICT enabled Government Schools of Bhopalgarh, Bilara, Mandore and Baori block of Jodhpur District by Department of Secondary Education-Jodhpur and Moinee Foundation-Jaipur under the guidance of District Administration, with the CSR support from Ultratech Cement Ltd. (Birla White Unit)
- Creating customized dashboard with virtual school setup for remote monitoring.
- Creating Block /Nodal Structure setup for smooth execution of the program.
- Organizing orientations & training programs for capacity building of Principals & Teachers.
- Regular orientation of students on QuizAcademy platform.
- Developing Project Utkarsh Model School in each block for best practices.
- Random school visits for infrastructure review, student orientation, teachers training etc.
- Conducting assessments on regular basis for impact analysis.

BHOPALGARH	BILARA	MANDORE	BAORI
Total Schools : 27 Ist Phase : 10 IInd Phase : 11 IIIrd Phase : 06	Total Schools : 37 Ist Phase : 15 IInd Phase : 14 IIIrd Phase : 08	Total Schools : 28 Ist Phase : 07 IInd Phase : 11 IIIrd Phase : 10	Total Schools : 11 Ist Phase : 03 IInd Phase : 05 IIIrd Phase : 03

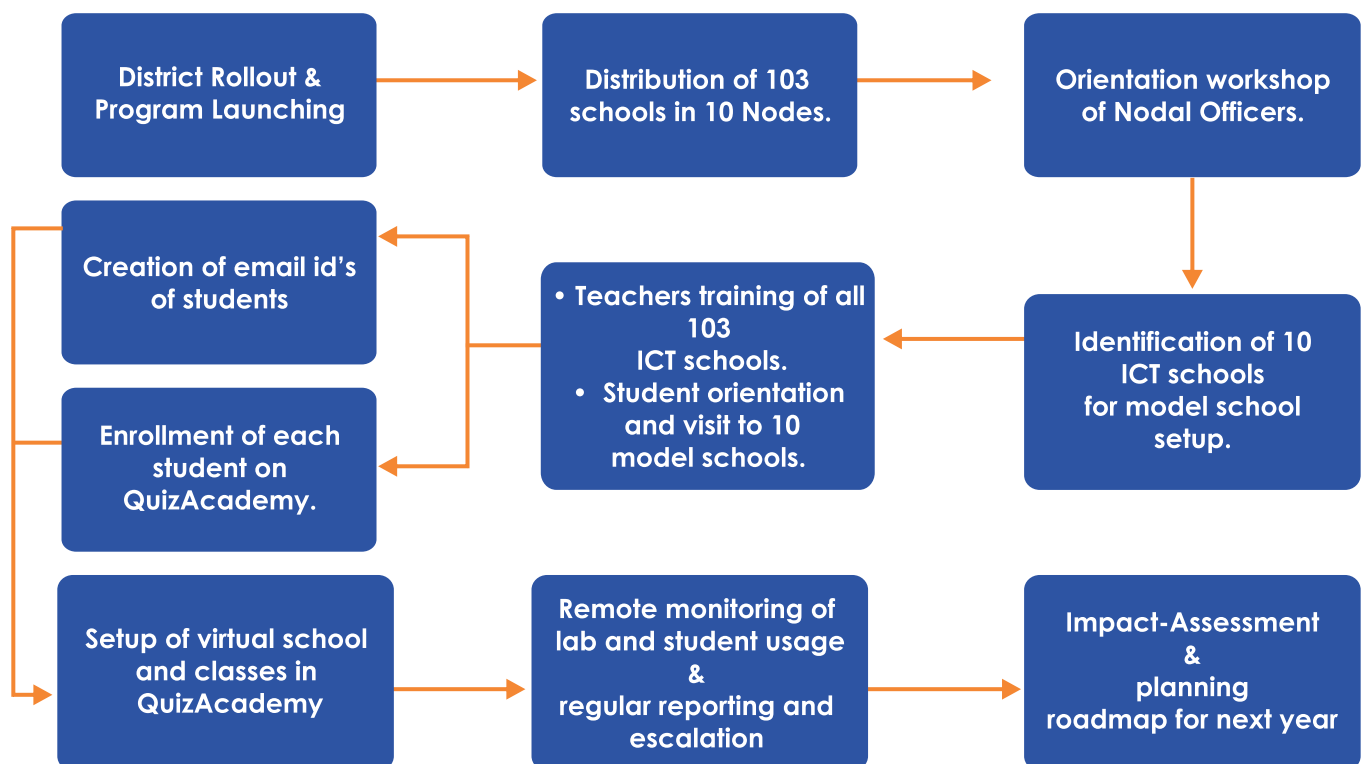
MULTI YEAR ROADMAP



YEARLY ACTIVITIES (2015-16)



ROADMAP & EXECUTION PLAN



TEAM STRUCTURE

Chairperson

- **Shri Bishnu Charan Mallick, IAS**
(District Magistrate & Collector, Jodhpur)

Governing & Administrative Team

- **Shri Ranjit Mohanty**
(Sr. Vice President, Birla White Cement)
- **Shri Prabhulal Panwar**
(District Education Officer-I, Secondary, Jodhpur)
- **Shri Hanuman Gurjar**
(District Education Officer-II, Secondary, Jodhpur)
- **Shri Snehasis Chanda**
(CSR Head, Birla White Cement, Jodhpur)
- **Dr. Vijay Vyas**
(Director-Moinee Foundation, Jaipur)

Monitoring & Coordination Team

- **Shri Anil Tanwar**
(District Coordinator-Project Utkarsh, Jodhpur)
- **Shri Dinesh Jajoo**
(District Coordinator-Project Utkarsh, Jodhpur)
- **Shri Anurag Jain**
(Operation Manager, Moinee Foundation)
- **Shri Manish Kumar Sharma**
(Project Manager, Moinee Foundation)
- **Shri Ashish Kumar Vyas**
(Software Engineer, Moinee Systems, Jaipur)
- **Shri Abhishek Paniya**
(Sr. Project Coordinator, Moinee Foundation)
- **Shri Deepak Parihar**
(Project Coordinator, Moinee Foundation)

Key Advisory Team

- **Shri Sunil Kulwal**
(SBU Head, Birla White Cement, Jodhpur)
- **Shri Arvind Thanvi**
(Chief Mentor-Moinee Foundation, Jaipur)
- **Dr. Khushaal Yadav, IAS**
(Asst. Collector & Exe. Magistrate, Jodhpur)
- **Smt. Nutan Bala Kapila**
(Deputy Director, Secondary Edu. Jodhpur)

Audit & Advisory Team

- **Shri. Ashok Vishnoi**
(ADEO-Secondary, Jodhpur)
- **Smt. Vinita Parihar**
(Academic Cell Officer, Edu. Dept. Jodhpur)
- **Smt. Soniya Sharma**
(ADPC-RMSA, Jodhpur)
- **Shri. Vijay M. Vyas**
(Advisor, Moinee Foundation, Jaipur)
- **Shri Nimesh Raj**
(Sr. Officer CSR, Birla White Cement, Jodhpur)
- **Shri Vinay Kumar Bissa**
(Sr. Software Eng., Moinee Systems, Jaipur)

Nodal- Level Coordination & Execution team

Shri Shravan K. Jangid, Shri Anil Sankhla, Shri Subhash Chand Sharma, Shri Bhagwan Sahai, Shri Ashok Kumar Sharma, Shri Bheru Singh Sandhu, Shri Pratap Ram, Shri Suresh Kumar, Shri Vishnu Prakash Chhangani, Smt. Suraj Dudheria, Shri Hari Singh Bhati, Akshay Bohra, Giriraj Bohra, Monika Purohit, Dharmendra Dadhich.

Overview of Key Activities

1. Launch of Project Utkarsh in four blocks of Jodhpur District by then District Collector Shri Pritam B. Yashwant & then CEO, Birla White Cement, Jodhpur Shri Rahul Mohnot on 12th Dec 2015



2. Signing of MoU among District Administration, Edu. Dept., Ultra tech Cement & Moinee Foundation (Dec'15)



3. School visit by Key officials from District Administration & Education Dept. at Kharia Khangar School (Dec'15)



4. Year long planning meet and orientation of identified & empowered nodal officers from Edu. Dept to formalize execution process. (Jan'16)



5. School visits for ICT Infrastructure review, identification of School Coordinator and staff alignment for effective execution. (Jan'16 onward)



6. Students' orientations & soft-skill session in schools to initiate ground level activities and ensure functionality of ICT Lab. (Jan'16 onward)



Overview of Key Activities

7. Sincere, excited and self-motivated students using ICT lab for interactive learning. (Feb'16 onwards)



8. School Teacher leveraging ICT lab and QuizAcademy Platform as innovative Pedagogical tool for effective teaching. (Feb'16 onwards)



9. Teachers orientation at block level with hands-on practice on QuizAcademy and time-table setup for lab usage (Jan-Feb'16)



10. Time-Table created by school administration for planned use of ICT Labs by subject teachers. (Mar'16 onwards)

Computer Lab
TIME-TABLE

School Name: *Golden Oak Public School, Jodhpur*
Coordinator: *Dr. R. K. Sharma*

Period	1	2	3	4	5	6	7	8
Monday	Maths	English						
Tuesday		English			English		Science	
Wednesday			Science					Science
Thursday			Science				Science	
Friday				Science				
Saturday								

Approved by: *Dr. R. K. Sharma*
District Administration, Jodhpur
Dept. Of Sec. Education
Jodhpur

उत्कर्ष
Matric Foundation

11. Group Learning, Self-Study & hands-on practice by students on regular basis leveraging QuizAcademy platform. (Mar'16 onwards)



12. Online/Offline assessment activity conducted across 11 ICT enabled schools with participation of 450+ students of Class 9. (Mar-Apr'16)



Overview of Key Activities

13. Establishment of Project Utkarsh Cell in D.E.O.-1st office, Jodhpur on 25th Jul' 2016.



14. Training program of Principals of 103 ICT Schools on QuizAcademy as per the instruction of District Administration & Edu. Dept. (Jul'16)



15. Initiation of Focus Block Implementation in Bhopalgarh block (Bhopalgarh, Asop, Khangta nodal) under the guidance of then SDM Sh. Anil Poonia, RAS (Aug'16)



16. Initiation of Focus Block Implementation in Baori block under guidance of Shri Masinga Ram Jangid - Nayab Tehsildar Baori (Aug'16)



17. Initiation of Focus Block Implementation in Mandore block under the guidance of then SDM Shri Alok Ranjan, IAS (Sep'16)



18. Overall Progress review by District Collector Shri Bishnu Charan Mallick (Sep'16)



Overview of Key Activities

19. Project Utkarsh updates and progress review meet of Key Stakeholders (Sep'16)



20. Smart teacher trainings in selected schools, covering hands-on practice, virtual class setup & student enrollment on QuizAcademy (Sep'16 onward)



21. Online/Offline assessment activity conducted across 25 ICT schools with participation of 600+ students of Class 10th. (Oct'16)



22. Second Review meet under the guidance of District Collector Shri Bishnu Charan Mallick with Education Dept. & Moinee Foundation(Nov'16)



23. Exhibition of Project Utkarsh on the occasion of successful completion of 3 years of Rajasthan Govt. (Dec' 2016)



24. Honorable Chief Minister interacting with students during the exhibition organized on successful completion of 3 years of State Govt. (Dec'16)



Remote Monitoring Dashboard of QuizAcademy usage

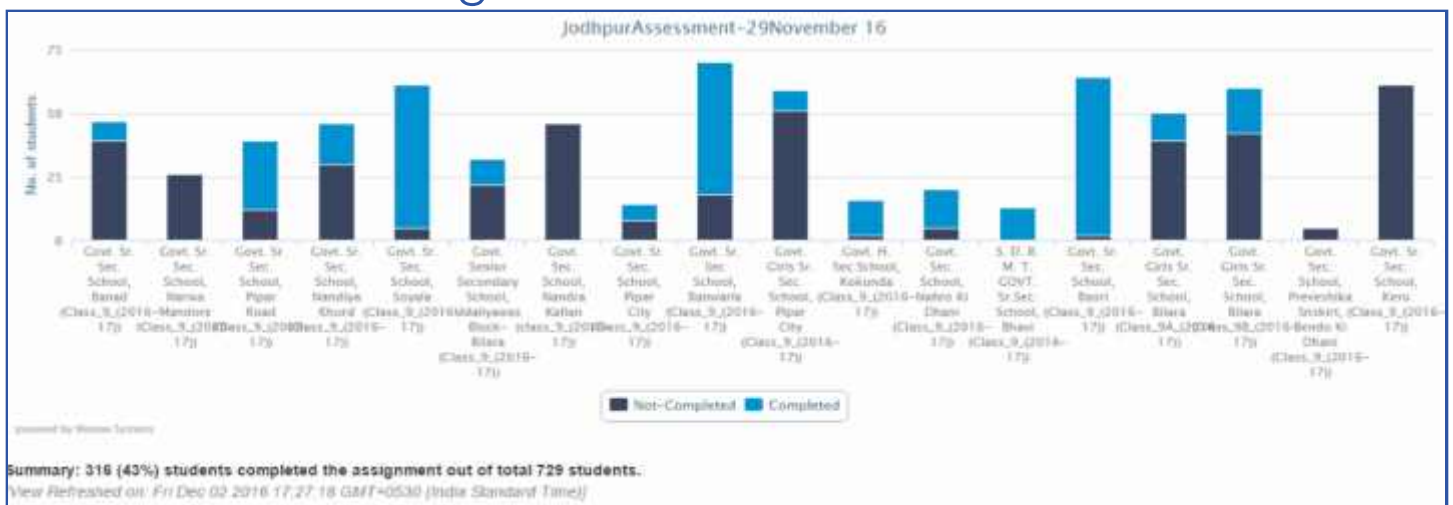


Total Schools	103
Total Classes	212
Enrolled Students	7264
Quizzes By Students & Teachers	27280

District Dashboard-Map Monitor

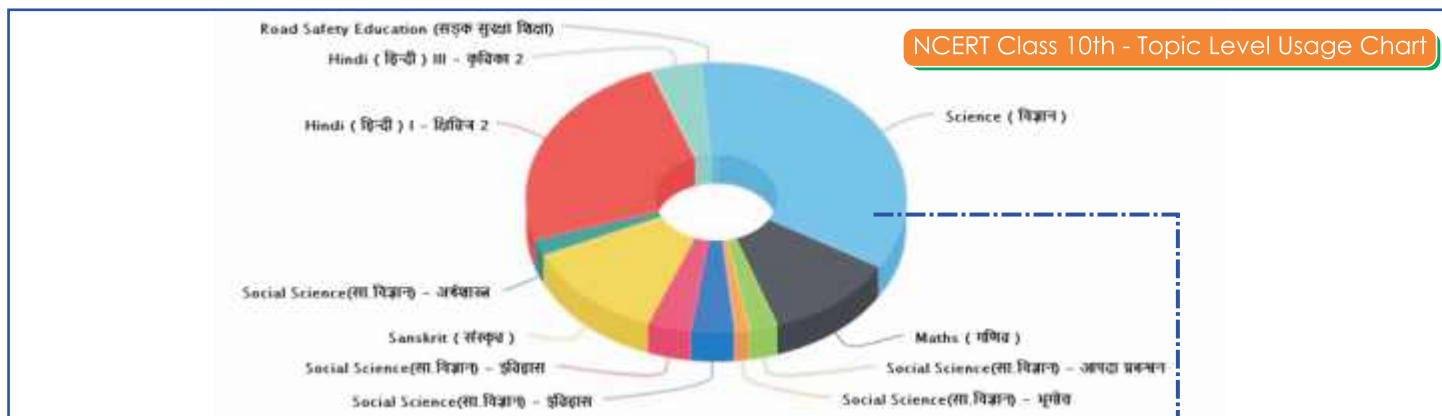
District	Block	School Name	School Status	Class Name	Enrollments in Class	Quizzes played by Teaching ID	Quizzes played by Student ID	Assignments given	Quizzes played for Assignments	Usage by Teachers in last 15 days	Usage by Students in last 15 days
Jodhpur	Barka	Govt. P. M. T. Govt. Sr. Sec. School Barka	Model Progress	Class 9 (2015-16)	31	211	14	2	0	85	34
Jodhpur	Pharga	Govt. Sec. School, Dyan	Model Progress	Class 9 (2015-16)	31	211	42	6	0	55	39
Jodhpur	Pharga	Govt. Sec. School, Dyan	Model Progress	Class 9	0	26	9	0	0	15	0
Jodhpur	Rajp	Govt. Sr. Sec. School, Rajpura	Model School	Class 9 (2015-16)	41	11	16	0	0	11	16
Jodhpur	Baranla	Shree Parmanu Padarman Patel Govt. H. Sec. School, Baranla	Model Progress	Class 9 (2015-16)	0	11	0	0	0	21	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		
Sr.no	Course	Topic	Subject Quizzes	Average Time Taken	Max Time Taken	Min Time Taken
1	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Hindi (हिन्दी) III - कृतिका 2	6	00:02:58	00:03:33	00:02:24
2	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Social Science (सा. विज्ञान) - भूगोल	33	00:03:23	00:05:01	00:01:10
3	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	English (अंग्रेजी) I - First Flight	17	00:03:51	00:16:05	00:01:08
4	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Hindi (हिन्दी) I - कृतिक 2	74	00:03:35	00:06:51	00:01:52
5	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Sanskrit (संस्कृत)	14	00:02:54	00:04:17	00:01:42
6	NCERT Class 10 (हिन्दी माध्यम - कक्षा 10)	Science (विज्ञान)	63	00:04:01	00:07:47	00:02:15

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	
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

- 103 Govt. Sec/Sr. Sec schools with ICT infrastructure where program formally rolled out.
- 10,000+ students per year are direct beneficiary.
- Most of the schools are situated at rural area of the district.

Infrastructure Status (ICT LAB)

- 4 Cr Rupees worth of existing underutilized ICT infrastructure is activated.
- 94 Labs are activated, put to use and showing online/offline usage.
- 600+ Computers put in regular use.

Capacity Building

- 250+ teachers & principals of 101 schools oriented and trained to run the program.
- 300+ additional teachers trained for long term capacity building in various training programs, workshops and Vaakpeeths organized by Edu. Dept.
- 87 smart teachers trained with hands-on practice.
- 25 training programs organized.

Skill Development

- 6000+ students got hands-on training of computer usage for learning purpose.
- 50+ sessions conducted at schools covering soft skills & personality development sessions.
- 3000+ students across 60+ 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.

Government Alignment

- Regular review by District Administration & Education Dept.
- 20+ 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

- 103 schools on district remote dashboard for real time monitoring.
- Weekly progress and usage reporting to all stakeholders.
- 6000+ students email ids created, enrolled to 212 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 Honourable Chief Minister during IT DAY in Jaipur and continued support towards expanding to more schools in state.
- Progress review by Honorable CM during Exhibition of successful completion of 3 years of Rajasthan Govt. in Jodhpur and continued support towards expanding to more schools in state.
- Periodic progress review meet with Shri K.K. Pathak (Special Secretary to CM) and Shri Naresh Pal Gangwar (Education Secretary).
- Regular review and visits by D.M. & D.D. (Sec. Edu.) to check the progress.

Focused Block Implementation (Bhopalgarh Block)

- 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 in Bhopalgarh block (covering Bhopalgarh, Khangta, Asop Nodal) under the guidance of then SDM Shri Anil Poonia, RAS.
- Based on the Focus Block Implementation in Bhopalgarh block, other blocks of Jodhpur will be covered for best practices.

Facts & Figure	Before (Aug' 16)	After (Oct' 16)
ICT schools from Bhopalgarh, Khangta and Asop	27	27
Schools covered in block level trainings.	27	27
Schools completed Smart Class Teachers Training.	6	27
Total computer in use for regular practice and learning.	9	216
Student email ids created & enrolled on QuizAcademy.	172	1888
Number of quizzes played by teachers & students.	13	7969
Number of Students participated in formal assessments.	38	583

Focused Block Implementation

Overview of Key Activities

Meeting of all ICT School principals of Bhopalgarh block organized under the guidance of then SDM Shri Anil Pooniya, RAS



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



Teachers and Students orientation and soft-skill sessions in schools to initiate ground level activities.



Focus on teacher's involvement to ensure regular usage of ICT lab for teaching as per the time-table of Project Utkarsh.



Regular progress review by SDM with principals to measure the progress.



Online/Offline Assessment Activity conducted across all 27 schools of Bhopalgarh block.



Stakeholders Testimonials



Project Utkarsh is unique method to equip the students with I.T. Skills which will help them to sharpen their memory through QuizAcademy/Online Tests in the short run. In the long run, this will help them in personality development and career guidance as we know it has become a necessary requirement in all ventures of life.

Bishnu Charan Mallick (IAS), District Collector & Magistrate, Jodhpur

We strive to impart quality education to the children of our local community as an important determinant of CSR program. Project Utkarsh is an effort towards constructive learning process. This is not only a new method of learning, but also creates an ecosystem for students and teachers for digital proficiency.

Sunil Kulwal, SBU-Head, Ultratech Cement Limited (Unit-Birla White)



Project Utkarsh is doing commendable work to familiarize students with computers and internet. Students are making their own Email IDs and taking interactive tests online on QuizAcademy. This is small but firm step towards making students ready for future that will be centred on information technology.

Dr Khushaal Yadav (IAS), Asst. Collector & Exe. Magistrate, Jodhpur

I am delighted to see that we are making systematic changes in our education and making the best use of technology available. This is certainly a right way forward, not only for quality of education but also to fulfill the dream of our nation to digitally empower everyone.

Nutan Bala Kapila, Deputy Director-Secondary Education, Jodhpur



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

Teachers' Feedback

प्रोजेक्ट उत्कर्ष के कारण बच्चों में पढ़ाई के साथ-साथ कम्प्यूटर संचालन, ऑनलाईन टेस्ट व पुस्तक-ज्ञान की कौशलता बढ़ी तथा आईसीटी उपकरणों का नियमित उपयोग होने लगा। बच्चों में कम्प्यूटर की हिचकिचाहट दूर होने लगी तथा पढ़ाई में रुचि बढ़ने के साथ उन्हें नई तकनीकी के बारे में जानकारी होने लगी।

—**राकेश मेघवाल** (व.अ., गणित), रा.उ.मा.वि., बनाड़, जोधपुर

प्रोजेक्ट उत्कर्ष कार्यशाला में सम्बन्धित अध्यापकों को प्रशिक्षण देकर उन्हें सम्बन्धित जानकारी दी जाती हैं। यह विद्यार्थियों के लिए एक सुगम पहल है। हमें क्विजअकेडमी के माध्यम से पढ़ाने में काफी रोचकता महसूस होती है तथा विद्यार्थियों को भी काफी रुचिकर लगता है। वे खेल-खेल में पढ़ना सीखते हैं।

—**भंवरलाल चौधरी** (व.अ., रा.उ.मा.वि., कोकुण्डा, जोधपुर)

- प्रोजेक्ट उत्कर्ष के तहत उत्तम मार्गदर्शन मिला।
- बच्चे प्रोजेक्ट के माध्यम से सभी विषयों का अध्ययन कर रहे हैं।
- कार्य सराहनीय है।

—**सूर्यकान्ता** (व.अ., रा.मा.वि., लोरड़ी देजगरा, जोधपुर)

- उत्तम मार्गदर्शन, समस्या समाधान प्रोजेक्ट उत्कर्ष के माध्यम से मिला।
- छात्र उत्साह से क्विजअकेडमी पर सभी विषयों का अध्ययन करते हैं।

—**विनोद सारस्वत** (प्राध्यापक, रा.उ.मा.वि., गंगाणी, जोधपुर)

क्विज अकेडमी शिक्षा के क्षेत्र में सरकारी विद्यालयों के लिये मील का पत्थर साबित होगा ऐसा मेरा विश्वास है। इस प्रोजेक्ट के द्वारा जबसे छात्र-छात्राओं को पढ़ाया जाने लगा है तभी से छात्र-छात्राओं की उपस्थिति बढ़ने लगी है।

—**सुरेन्द्र सुथार** (वरिष्ठ अध्यापक, रा.उ.मा.वि., नान्दिया खुर्द, बावड़ी, जोधपुर)

हमारे स्कूल में प्रोजेक्ट उत्कर्ष संचालित हो रहा है, इसमें सत्र 2015-16 में कक्षा 10 के विद्यार्थियों हेतु ऑनलाइन व ऑफलाइन टैस्ट की व्यवस्था की गई जिसमें बच्चों ने हिस्सेदारी दिखाई एवं उनके लर्निंग लेवल में आश्चर्यजनक उन्नति पाई गई।

—**जसविन्दर कौर** (रा.उ.मा.वि., रुड़कली, जोधपुर)

Students' Feedback

कम्प्यूटर से पढ़ने में मुझे काफी मजा आता है। इसमें क्विजअकेडमी के माध्यम से आसानी से सवाल हल होते हैं। इससे हमें सभी प्रश्न ऐसे ही याद हो जाते हैं, लिखकर याद करने की जरूरत नहीं होती है।

—अभिषेक जोशी, कक्षा— 9, रा.मा.वि., उम्मेदनगर, जोधपुर

मुझे कम्प्यूटर से पढ़ना अच्छा लगता है। पहले मुझे कम्प्यूटर की जानकारी नहीं थी लेकिन मुझे अब अपनी ईमेलआईडी से क्विजअकेडमी पर पढ़ना अच्छा लगता है। प्रश्नों को हल करने में भी मजा आता है।

—सन्जु, कक्षा— 10, रा.उ.मा.वि., जुड़, जोधपुर

क्विज एकेडमी से पढ़कर हमें बहुत खुशी हुई। कम्प्यूटर के माध्यम से अपने विषय का अध्ययन करना अच्छा लगता है, साथ ही हमें कम्प्यूटर के बारे में जानकारी भी मिलती है। प्रोजेक्ट उत्कर्ष चलाने के लिए धन्यवाद।

—ढोली, कक्षा— 9, रा.मा.वि., नान्दड़ाकला, जोधपुर

प्रोजेक्ट उत्कर्ष में हमें कम्प्यूटर की जानकारी दी जाती है कि कम्प्यूटर कैसे चलाया जाता है। गूगल पर इंटरनेट के माध्यम से क्विज एकेडमी से किताबें पढ़ते हैं तथा प्रश्नों को हल करते हैं।

—सीमा, कक्षा— 9, रा.मा.वि., नान्दड़ाकला, जोधपुर

हमें कम्प्यूटर के द्वारा पढ़ना अच्छा लगता है। प्रोजेक्ट उत्कर्ष में हमें क्विजअकेडमी के माध्यम से पढ़ने से बहुत अच्छा याद होता है। हम चाहते हैं कि हमें क्विज एकेडमी द्वारा नियमित पढ़ाया जाये।

—पवन कुमार, कक्षा— 9, रा.मा.वि., उम्मेदनगर, जोधपुर

पहले हम किताबों से पढ़ते थे और अब हम कम्प्यूटर पर क्विजअकेडमी पर पढ़ाई करते हैं। क्विजअकेडमी पर ऑनलाईन और ऑफलाईन दो तरीके होते हैं। हम NCERT कक्षा 10 पर क्लिक करते हैं और हमें www.quizacademy.org पर पढ़ने में बहुत मजा आता है। अब हमें हर प्रश्न याद रहता है। इसकी भाषा सरल तथा सीधी है।

—मनीष, कक्षा— 10, रा.मा.वि., उम्मेदनगर, जोधपुर

Parents' Feedback

—मेरी बच्ची को आपके इस उत्कर्ष प्रोग्राम के तहत एक नया अनुभव प्राप्त हुआ।
—कम्प्यूटर के बारे में जानकारी प्राप्त हुई।
—ई-मेल आईडी से मेरी बच्ची अब देश-विदेश में संदेश भेज सकती है।

—**भीकाराम** (अभिभावक) रा.उ.मा.वि., पीपाड़ शहर, जोधपुर

प्रोजेक्ट उत्कर्ष के माध्यम से हमारे बच्चों की ईमेल आईडी बनी जिसके माध्यम से वे रोज कम्प्यूटर पर पढ़ते हैं। प्रोजेक्ट उत्कर्ष के तहत जो टेस्ट विद्यालय में हुये थे, उससे इन्हें काफी कुछ सीखने को मिला। वे कम्प्यूटर के बारे में बहुत जान गये हैं तथा ईमेल आईडी का महत्व तथा उपयोग करना जान गए हैं।

—**गंगाराम** (अभिभावक) सेठ भीकम चन्द रा.बा.उ.मा.वि., पीपाड़ शहर, जोधपुर

प्रोजेक्ट उत्कर्ष प्रोग्राम से हमारे बच्चे को कम्प्यूटर की जानकारी मिली। ईमेल आईडी के बारे में जानकारी प्राप्त हुई तथा इसके माध्यम से उसे अपने सभी विषयों का अध्ययन करने में आसानी हो रही है।

—**पन्नालाल** (अभिभावक) सेठ भीकम चन्द रा.बा.उ.मा.वि., पीपाड़ शहर, जोधपुर

मेरा पुत्र महेन्द्र चौधरी, कक्षा 9, चौधरी बुधाराम रा.उ.मा.वि., पोपावास में अध्ययन करता है और उसे प्रोजेक्ट उत्कर्ष के माध्यम से विद्यालय में पढ़ाया जाता है। क्विजअकेडमी से उसे अध्ययन एवं सभी विषयों को समझने में आसानी होती है। यह उत्कर्ष प्रोजेक्ट बहुत अच्छा है।

—**अर्जुनराम** (अभिभावक) चौ.बु.रा.उ.मा.वि., पोपावास, जोधपुर

मेरा भाई राकेश, कक्षा 9, रोल न.-951, चौधरी बुधाराम रा.उ.मा.वि., पोपावास में पढ़ता है जहाँ उसे प्रोजेक्ट उत्कर्ष के माध्यम से पढ़ाया जा रहा है, जहाँ उसे क्विजअकेडमी के अन्तर्गत क्विज प्रश्नावली करवाई जा रही है। इसको शुरू करने से सभी बच्चों की ईमेल आईडी बन चुकी है। मेरा भाई भी प्रोजेक्ट उत्कर्ष से लाभान्वित हो रहा है। यह बहुत अच्छा प्रोजेक्ट है।

—**सुनीता विश्नोई** (अभिभावक) चौ.बु.रा.उ.मा.वि., पोपावास, जोधपुर

उत्कर्ष प्रोग्राम से हमारे बच्चे को कम्प्यूटर की जानकारी मिली। ईमेल आईडी के बारे में जानकारी मिली तथा इसके उपयोग के बारे में जानकारी प्राप्त हुई। इस प्रोग्राम के माध्यम से सभी विषयों के प्रश्नों को हल करने में तथा पढ़ाई में आनन्द का अनुभव हुआ।

—**भाग्यवती** (अभिभावक) सेठ भीकम चन्द रा.बा.उ.मा.वि., पीपाड़ शहर, जोधपुर

Conclusions

- 1st year implementation of Project Utkarsh in four blocks of Jodhpur 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 the four 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.
- Program is now proposed to expand in all ICT enabled Govt. Schools of Jodhpur District.

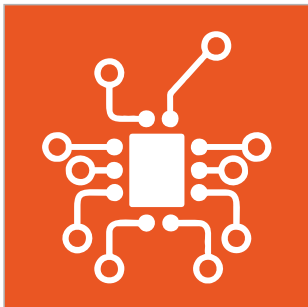
Way Forward...

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.

Expansion

Apart from qualitatively expanding the intervention level for existing schools in scope, expanding the program to more and more schools is also a focused intent.

There are 309 ICT enabled Govt. schools in Jodhpur district. As part of first phase, 103 schools of four blocks were covered under Project Utkarsh . In the proposed second phase, Project Utkarsh will be rolling out in remaining 206 ICT schools of Jodhpur District for multi-year implementation.

●●● प्रोजेक्ट उत्कर्ष एक नजर में ●●●

