



**India - Driving Education Empowerment & Development
(IN-DEED) Foundation**



Annual Report 2021-22

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1. INTRODUCTION

IN-DEED Foundation is a registered Trust that engages youth volunteers and harnesses technology tools with a vision to enable provision of quality education to every child in India. The purpose is to improve learning levels, academic performance, awareness, exposure, confidence, capabilities and employability of students and youth in rural India.

Vision & Mission

Enable provision of quality education to every child

Intervention Strategy

Volunteer-engagement & Technology Tools

Focus of Activities

School Education – government schools and rural students

Objectives

The objectives of IN-DEED Foundation are to provide, enable & enhance:

- i. Foundational skills:
 - a. Age and grade appropriate learning levels in reading & arithmetic
- ii. Learning & Academic Performance:
 - a. Completion of at least 12 years of formal
 - b. Schooling with good grades in the first attempt
- iii. Digital Empowerment:
 - a. Practical computer training, Digital & MS Office skills
- iv. Future Readiness:
 - a. Confidence,
 - b. Capabilities,
 - c. Functional command of the English Language
 - d. 21st century skills

The challenges that IN-DEED Foundation aims to tackle are:

- i. Education Deficit –
 - a. Huge Learning gap in basic reading and arithmetic skills
 - b. High failure rates in Class X Board exams
 - c. High dropout rates among senior school students
- ii. Digital Divide
 - a. No computer training in government schools
 - b. Rural students and youth lack Digital skills
- iii. Little exposure essential for 21st century job readiness

Target Group

- i. Rural Areas
- ii. Government schools

Geography

Rajasthan (Jodhpur and Pali)

CSR Partners (Supporting Ongoing and Past Projects)

- i. Aditya Birla Capital Ltd.
- ii. Amber Enterprises India Ltd.
- iii. Axis Bank Ltd.
- iv. Bhoruka Charitable Trust
- v. BYJUs
- vi. Kajaria Ceramics Ltd.

PROGRAMS:

Since its inception in May 2014, the Foundation has been running following programs for students of rural government schools in several districts of Rajasthan:

- i. *'Adhyayan'* and *'Samiksha'* (Academics):
 - Extra Classes on curriculum subjects to enhance understanding
 - Assessments and Exam preparation to improve academic performance
 - STEM learning
- ii. *'E-Kaushal'* (Digital Empowerment):
 - Practical computer training
 - MS Office
 - Digital skills - Online tests, accessing useful materials on the Internet
- iii. *'Sambhavna'* and *'Jigyasa'* (Wholesome Education):
 - Personality development
 - Student Exchange & Peer-learning
 - Conversational skills
 - Confidence building
 - Co-curricular activities
 - Learning Camps
 - Robotics workshops
 - Mentoring & Counselling
- iv. PLATform ImprovED Tech Solution: developed by IN-DEED Foundation during corona forced school shutdown for:
 - Online classes – live and recorded classes
 - Tablet-based assessments

IMPACT

- i. Positively impacted lives of over 15,000 students
- ii. Helped improve academic performance of over 3,000 students in crucial board exams
- iii. Provided computer training & digital empowerment to 2,000 students & rural youth
- iv. Set up a Digital Resource Centre in nodal village of Pali district – fully equipped with E-infrastructure
- v. Organised *Taabar*, an edutainment fair for the first time for rural audience of West Rajasthan
- vi. Volunteers drawn from some of the best educational institutions of the State

HOW WE DO IT:

1. YOUTH VOLUNTEERISM - Leveraging collective power of Youth,
 - i. Engaging them in volunteering & outreach activities
 - ii. Volunteers visit government schools and rural areas leading interventions towards holistic development of children
2. HARNESSING TECHNOLOGY TOOLS - To connect with schools and students
 - i. Make teaching more interactive
 - ii. Inspire interest and attention for learning
 - iii. Reaching out to students in remote areas
 - iv. Covering larger geographical area
 - v. Scale up initiatives at a faster pace
 - vi. Collaborate with any volunteer anywhere in the world



2. PROGRAM UPDATES 2021-22:

As in previous years, in 2021-22 IN-DEED continued to organise and facilitate live classes and extra classes, conducted online assessments, provided access to explanatory audio-visual content on curriculum subjects, all the while promoting digital empowerment and 21st century skills training for beneficiary students.

2.1 PLATFORM ED-TECH SOLUTION

An all-inclusive software solution **PLATform (Personalised Learning, Assessment and Training)** was developed for provision of quality education.

Through advanced **PLATform** solution we were able to deliver:

- Live and online classes
- Physical and online assessments
- Provide access to explanatory AV content on curriculum subjects
- Digital empowerment and 21st century skills training

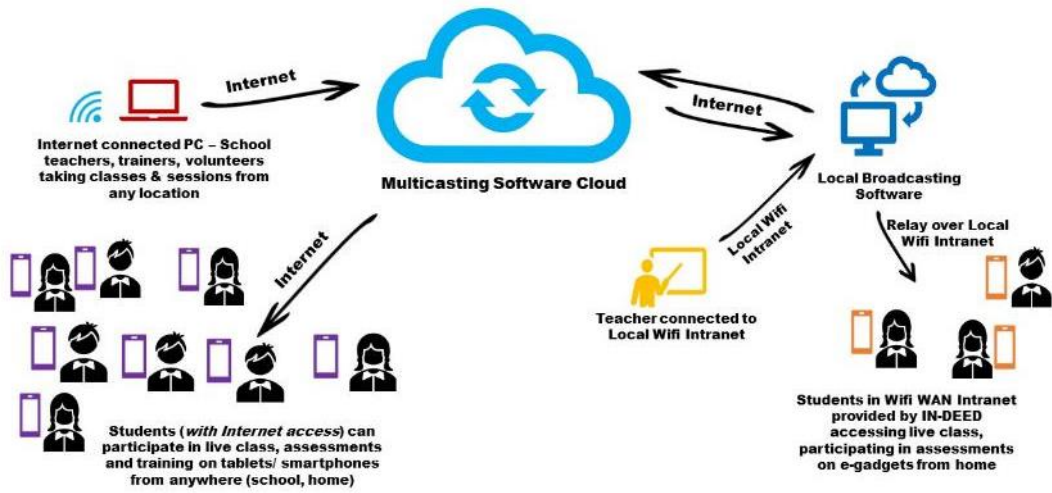


2.2 GEOGRAPHICAL LOCATION & COVERAGE

The program was implemented in 38 rural and urban schools in Jodhpur and Pali districts of Rajasthan. The schools were shortlisted after due consultation with and upon the recommendation of District Education Officers of both districts.

4,200 students from 38 government schools were covered under the project. Academic session 2021-22 was once again a truncated one, with repeated school closures during 2nd and 3rd waves of coronavirus pandemic in March-April 2021 and January-February 2022. This, in effect, reduced by half the effective time for implementation of interventions.

PLATform – Personalised Learning Assessment and Training



PLATform Software – students can attend live lectures & training sessions, and participate in assessments



3. ACTIVITIES CONDUCTED:

3.1 CHALLENGES - CORONAVIRUS ENFORCED LOCKDOWNS

The second and third waves of coronavirus in early 2021 and 2022 forced schools to remain shut from March to August 2021 and once again closed for a few weeks in early 2022. In effect, during academic session 2021-22, schools were open for only half the session resulting in a lot of challenges in implementing the program.

3.2 MEETINGS WITH STAKEHOLDERS

In April-May 2021, IN-DEED Foundation maintained regular contact with District Education Officials and government school principals and teachers.

Starting June, when offices and schools opened (*for teachers only*), work on identifying and shortlisting of schools in both districts was started. Meetings were conducted with school leaders and DEOs to bring them onboard and commence program activities in schools.

3.3 BASELINE SURVEY

Baseline survey of student performance, particularly class X board result of 2019 was compiled from shortlisted schools. 2019 has been used as the base year for comparison of current (2022) board exams results since exams in 2020 and 2021 were based on internal school tests. In the shadow of covid, the results were such that overall pass percentage was highly inflated compared to any year before coronavirus hit India in 2020.

3.4 PLATFORM SOFTWARE DEVELOPMENT

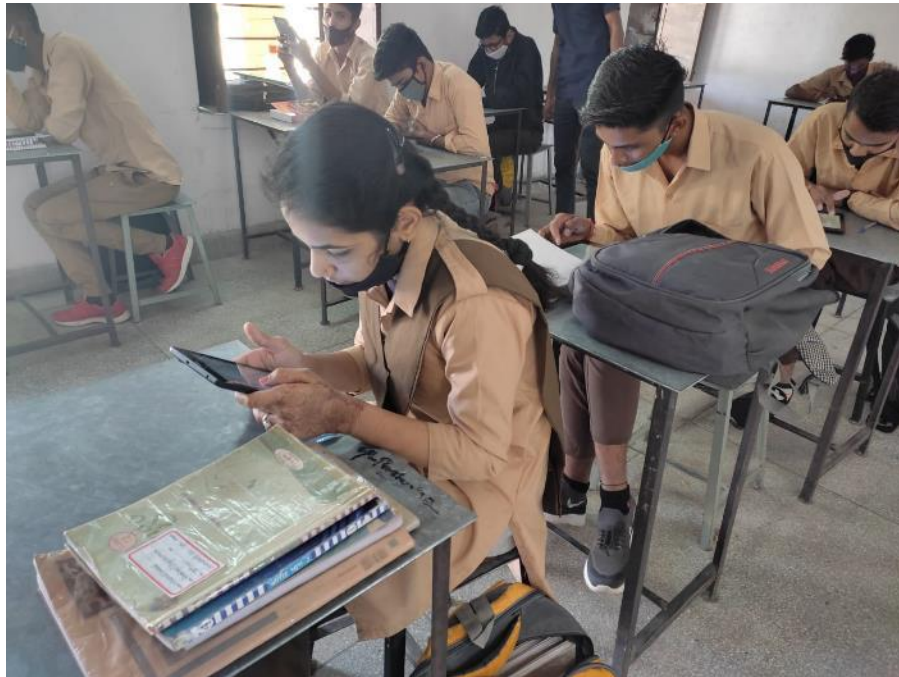
The PLATform software was developed by IN-DEED Foundation for facilitating online classes, assessments and training programs in selected schools. After successful field trials in August 2021, PLATform was successfully deployed for classes and assessments in schools starting September 2021, when schools finally reopened. The creation and development of AdvancED Software Solution PLATform will be over time be used to reach hundreds of thousands of students. It will certainly be a long-term asset for all stakeholders in the education sector working for underprivileged school students.

3.5 ONLINE CLASSES & ASSESSMENTS

IN-DEED Foundation partnered with ConceptLive for providing free Live and Online classes in Hindi. Assessment Questionnaires in multiple choice question format were prepared by volunteers in both English and Hindi for classed VI-XII. Training sessions on Digital Empowerment, Career Counselling, Psychometric Assessment, Financial Literacy, Motivation, Coding, Robotics, STEM Learning, Yoga etc.

3.6. PARTNERSHIP WITH BYJU'S

In its continuous effort towards empowering children from underserved backgrounds with quality education and digital learning opportunities, IN-DEED Foundation partnered with BYJU's, India's leading Ed-tech company. Under the Education for All initiative of BYJU's, access to individual learning licences were provided to beneficiary school students at no cost. This enabled students to learn from the country's best teachers, accessing high quality audio-video curriculum content to clear doubts, master concepts and perform well in academics.



4. OUTCOMES AND INSIGHTS GAINED:

4.1. CLASS X RESULTS 2022 VERSUS 2019

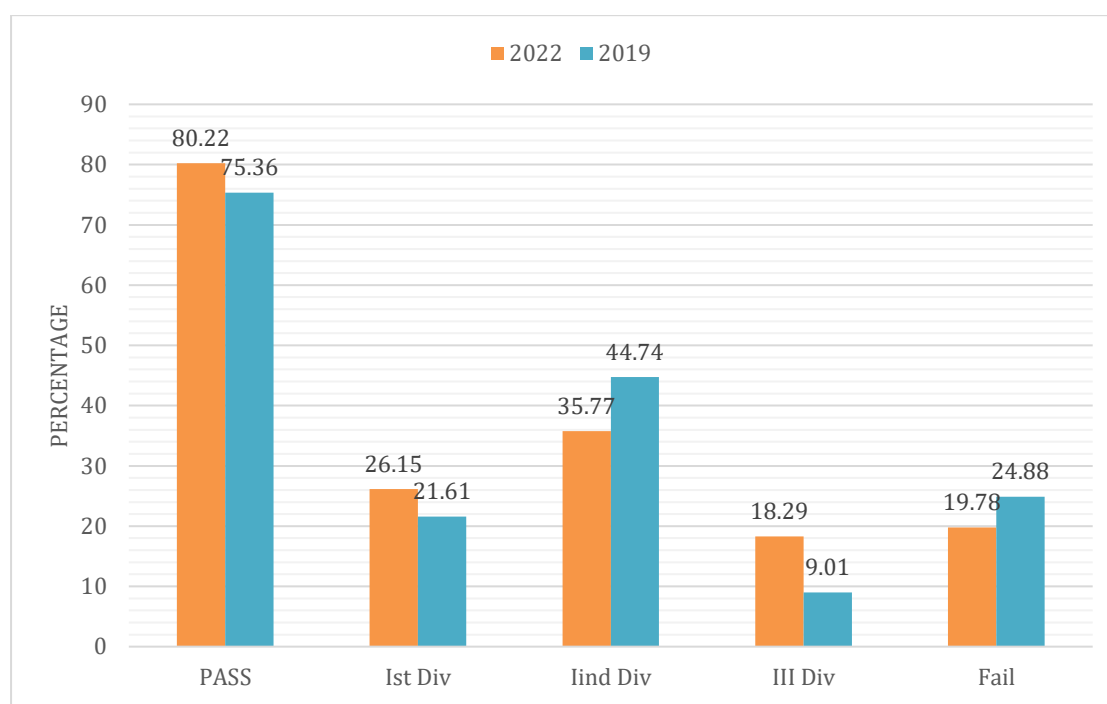


Chart – Student performance in 2022 versus 2019 – Rajasthan board class X examination results

4.2. INTERVENTION ACHIEVEMENTS - INDICATORS

S.No	Metrics & Assessment Parameters	ACHIEVED
1	Number of government school students accessing classes and assessments and training programs	4,199
2	Number of schools covered	38
3	Number of students accessing live classes conducted by school teachers or volunteers, participating in assessments & training programs	90.12% (3784 out of 4199)
4	Expected average improvement in results of individual students in Board exams – classes X (students securing I st Division)	4.54%
5	Expected rise in overall pass percentage in RBSE 2022 Board exams – among class X students (compared to 2019 Board exam result)	4.86%
6	Review and feedback from stakeholders	95% positive 9.69 (avg rating)

4.3. PROJECT OUTCOMES

The actual number of beneficiaries impacted is higher than the number targeted, despite the fact that the severity of second wave of covid-19 pandemic in March-April 2021 forced schools to remain closed till September 2021.

Then in January 2022, the third wave reared its ugly head and schools were forced to close down again for a few weeks. In effect, the session was hugely truncated with effective project implementation time reduced to less than half of the academic session.

Following have been the significant outcomes of the program:

- Development of AdvancED Software Solution – PLATform (Personalised Learning, Assessment and Training)
- Students from target schools were able to access live classes, participate in assessments and training programs
- 4,199 students from 38 schools benefitted through the program
- Improvement in academic performance at individual and school level
- Digital empowerment of beneficiary students
- Students from over 40 villages and low-income communities studying in the selected schools benefitted from the program
- Overall 90%+ positive response to programs from stakeholders observed



5. SUSTAINABILITY:

5.1 PLATFORM SOFTWARE

The development of AdvancED Software solution PLATform will help immensely in taking quality education to government school and rural students.

IN-DEED Foundation shall be using the PLATform software for conducting classes, assessments and training programs so that underserved students can learn from the best teachers and trainers in the country.

Further, assessments on smart devices - tablets in schools and individual smartphones at home - allow increased participation due to the ease of taking tests making students eagerness to sit for regular tests. With assessment results being instantly available, students able to view their mistakes and compare test scores with their classmates, it is sure to become a useful and valuable tool in improved academic performance of the beneficiaries.

Overall, the freely available PLATform software and app will help engage students in a meaningful way with significant long-term potential in provision of quality education to large number of students. PLATform App is under development.

5.2 MOU WITH RAJASTHAN COUNCIL OF SCHOOL EDUCATION

In order to scale-up programs and positively impact thousands of students, IN-DEED Foundation made a presentation before the Director, Rajasthan Council of School Education on 7th June 2022, under the Rajasthan Education Initiative of the state government.

Signing of MoU for partnership between Rajasthan government and IN-DEED Foundation is in the final stages. Under the aegis of this partnership, IN-DEED shall conduct quality education programs in all schools of 4 districts, viz. Pali, Jodhpur, Barmer and Jaisalmer. Further, in-depth programs will be taken up in 100+ model schools (English medium Vivekananda and Mahatma Gandhi schools set up by Rajasthan State Government for underprivileged students) in these four districts.

5.3 CSR PARTNERSHIPS

IN-DEED Foundation has partnered with BYJUs to provide free access to their curriculum content under their Education For All initiative. The plan is to cover 1 lakh students providing them BYJUs content for a period of 3 years.

To raise resources to reach out to 1,00,000+ students by 2025, IN-DEED is hoping to receive continued backing and support from CSR partners.

6. ANNEXURES:

Annexure 1 - Number of Schools and Students Covered in 2021-22

S.No.	NAME OF SCHOOL	District	Classes	NUMBER OF STUDENTS COVERED
1	GSSS Lordi Pandit Ji	Jodhpur	IX, X	114
2	GGSSS Kaliberi	Jodhpur	X, XII	88
3	GSSS Kaliberi	Jodhpur	X, XII	47
4	GSSS Karwar	Jodhpur	VIII, X, XII	88
5	GSSS Gehlota	Jodhpur	X, XII	63
6	GSSS Nimbli Uda Pali	Jodhpur	X, XII	65
7	GSSS Jalam Singh ka Hatta	Jodhpur	VIII-XII	159
8	GGSSS Brigadier Jabar Singh Colony	Jodhpur	IX, X	116
9	Mahatma Gandhi GSS Jalori Gate	Jodhpur	X	59
10	GSSS Fatehpol	Jodhpur	X	52
11	GSSS Jupelav	Jodhpur	X	38
12	GSSS Palasani	Jodhpur	X	62
13	GSSS Shahapura (Kudi- Bhagtasni)	Jodhpur	X, XII	68
14	GGSS Ratanada Jodhpur	Jodhpur	X	48
15	GGSSS Magra Punjla	Jodhpur	VI-X	250
16	GSSS Kakelav	Jodhpur	X	45
17	GSSS Hariyada	Jodhpur	X	40
18	GSSS Lolawas	Jodhpur	VI-XII	197
19	GSSS Shiv Ram Nathu Pura	Jodhpur	VI-IX	221
20	Mahatma Gandhi SSS Chainpura	Jodhpur	VI-XII	346
21	GSSS Sojat Road	Pali	X, XII	52
22	Government Girls SSS Sojat Road	Pali	x	45
23	GSSS Sojat city	Pali	x	56
24	GSSS Jitra	Pali	VI-X	147
25	GSS Chandlai	Pali	VII-X	80
26	GSSS Rupawas	Pali	X	66
27	GSS Hungav	Pali	X	35
28	Shri Govind Govt Girl's SSS Raipur	Pali	X, XII	70
29	GSSS Pachanpura	Pali	VII-XII	117
30	GSSS Kalab Kalan	Pali	VII-XII	121
31	GSSS Bagri Kalaliya	Pali	VII-X	99
32	GSSS Kot-Kirana	Pali	VII-XII	104
33	GSS Lanera	Pali	VI-X	83
34	GSSS Rajola Kalan	Pali	VIII-XII	272
35	GSSS Chadwas	Pali	VIII, X, XII	193
36	GSSS Chopra	Pali	X, XII	108
37	GSSS Sardarsamand	Pali	IX, X, XII	148
38	GSSS Dhurasani	Pali	VIII, X, XII	237
TOTAL NUMBER OF STUDENTS IMPACTED				4199

NOTE: GSSS - Government Senior Secondary School ; GSS - Government Secondary School

Annexure 2 - Class X Board Exam Result Analysis 2022 vs 2019

Board Exam Results - 2022											
S.No.	District	School Name	Class	Appeared	Pass	1st Div	2nd Div	3rd Div	Fail	Sup-	Passing %
1	Pali	GSSS Sardarsamand	10	53	20	1	6	13	32	1	37.74
2	Pali	GSSS Bagri Kalaliya	10	59	24	4	6	14	35	0	40.68
3	Pali	GSS Chandlai	10	26	13	0	7	6	9	4	50.00
4	Pali	GGSSS Sojat Road	10	32	17	9	7	1	8	7	53.13
5	Jodhpur	GSS Ratanada	10	20	11	2	4	5	6	3	55.00
6	Pali	GSSS Jeetra	10	63	38	9	21	8	22	3	60.32
7	Pali	GSSS Kot Kirana	10	19	12	1	6	5	1	6	63.16
8	Pali	GSSS Pachnapura	10	45	29	6	13	10	11	5	64.44
9	Pali	GSSS Sojat Road	10	113	75	18	43	14	30	8	66.37
10	Pali	GSS Lanera	10	27	20	0	13	7	3	4	74.07
11	Jodhpur	GGSSS Fatahpole	10	19	15	2	9	4	2	2	78.95
12	Jodhpur	GGSSS Kaliberi	10	36	29	7	13	9	7	0	80.56
13	Pali	GSSS Chadwas	10	49	42	18	14	10	7	0	85.71
14	Jodhpur	GGSSS BJS	10	63	55	29	23	3	0	8	87.30
15	Pali	GSSS Rajola Kalan	10	56	49	15	21	13	6	1	87.50
16	Jodhpur	GSSS Lordi Pandit Ji	10	49	43	24	14	5	3	3	87.76
17	Jodhpur	GSSS Karwar	10	51	45	15	21	9	4	2	88.24
18	Pali	GSSS Dhurasani	10	26	23	6	7	10	3	0	88.46
19	Jodhpur	GSSS Lolawas	10	37	33	4	22	7	1	3	89.19
20	Jodhpur	GGSSS Magra Punjla	10	104	93	49	36	8	5	6	89.42
21	Pali	GSSS Jupelav	10	19	17	4	9	4	2	0	89.47
22	Pali	GSSS Nimbli Urta	10	32	29	8	11	10	3	0	90.63
23	Jodhpur	GSSS Jalam Singh	10	33	30	8	15	7	3	0	90.91
24	Jodhpur	GSSS Palasani	10	88	80	29	31	20	3	5	90.91
25	Jodhpur	GSSS Kaliberi	10	34	31	8	15	8	2	1	91.18
26	Jodhpur	MGGSSS Chainpura	10	66	61	43	16	2	4	1	92.42
27	Jodhpur	GSSS Bhatinda	10	41	38	4	24	10	3	0	92.68
28	Pali	GSSS Kalab Kalan	10	15	14	4	8	2	1	0	93.33
29	Pali	GSSS Chopra	10	34	32	7	13	12	2	0	94.12
30	Pali	GSSS Rupawas	10	49	48	11	22	15	1	0	97.96
31	Jodhpur	GSSS Hariyada	10	39	39	11	23	5	0	0	100.00
32	Jodhpur	GSSS Jajiwai Gehlota	10	27	27	18	9	0	0	0	100.00
33	Jodhpur	GSSS Hungav	10	52	52	12	26	14	0	0	100.00

1476 1184 386 528 270 219 73
PASS Ist Div IInd Div IIId Div Fail Supp
% 80.22 26.15 35.77 18.29 14.84 4.95

Board Exam Results - 2019											
S.No	District	School Name	Class	Appeared	Pass	1st Div	2nd Div	3rd Div	Fail	Sup-	Passing %
1	Pali	GSSS Sardarsamand	10	12	7	3	3	1	2	3	58.33
2	Pali	GSSS Bagri Kalaliya	10	49	46	15	30	1	2	1	93.88
3	Pali	GSS Chandlai	10	21	11	0	9	2	5	5	52.38
4	Pali	GGSSS Sojat Road	10	49	39	6	20	13	7	3	79.59
5	Jodhpur	GSS Ratanada	10	16	14	4	6	4	0	1	87.50
6	Pali	GSSS Jeetra	10	55	32	5	14	13	7	16	58.18
7	Pali	GSSS Kot Kirana	10	70	36	12	22	2	7	27	51.43
8	Pali	GSSS Pachnapura	10	45	13	1	9	3	15	17	28.89
9	Pali	GSSS Sojat Road	10	21	7	3	1	3	11	3	33.33
10	Pali	GSS Lanera	10	School was upto Upper Primary level in 2019							
11	Jodhpur	GGSSS Fatahpole	10	21	18	7	10	1	0	3	85.71
12	Jodhpur	GGSSS Kaliberi	10	70	48	7	31	10	20	2	68.57
13	Pali	GSSS Chadwas	10	46	41	18	23	0	1	4	89.13
14	Jodhpur	GGSSS BJS	10	37	27	11	14	2	1	9	72.97
15	Pali	GSSS Rajola Kalan	10	65	58	19	39	0	7	0	89.23
16	Jodhpur	GSSS Lordi Pandit Ji	10	27	25	8	15	2	1	1	92.59
17	Jodhpur	GSSS Karwar	10	No Data							
18	Pali	GSSS Dhurasani	10	28	21	4	15	2	2	5	75.00
19	Jodhpur	GSSS Lolawas	10	29	28	4	21	3	1	0	96.55
20	Jodhpur	GGSSS Magra Punjla	10	95	78	26	48	4	13	4	82.11
21	Pali	GSSS Jupelav	10	37	30	7	17	6	7	0	81.08
22	Pali	GSSS Nimbli Urra	10	28	16	1	5	10	9	3	57.14
23	Jodhpur	GSSS Jalam Singh Hatta	10	24	18	3	12	3	3	3	75.00
24	Jodhpur	GSSS Palasani	10	41	37	7	28	2	1	3	90.24
25	Jodhpur	GSSS Kaliberi	10	39	16	6	8	2	4	23	41.03
26	Jodhpur	MGGSSS Chainpura	10	31	27	6	15	6	3	1	87.10
27	Jodhpur	GSSS Bhatinda	10	39	35	10	21	4	4	0	89.74
28	Pali	GSSS Kalab Kalan	10	60	38	8	26	4	10	12	63.33
29	Pali	GSSS Chopra	10	49	43	20	21	2	5	1	87.76
30	Pali	GSSS Rupawas	10	45	45	34	11	0	0	0	100.00
31	Jodhpur	GSSS Hariyada	10	47	34	4	24	6	8	5	72.34
32	Jodhpur	GSSS Jajiwai Gehlota	10	23	22	12	10	0	0	1	95.65
33	Jodhpur	GSSS Hungav	10	35	35	0	33	2	0	0	100.00

1254 945 271 561 113 156 156
PASS 1st Div IInd Div III Div Fail Supp
% 75.36 21.61 44.74 9.01 12.44 12.44

Annexure 3 - Review and Feedback

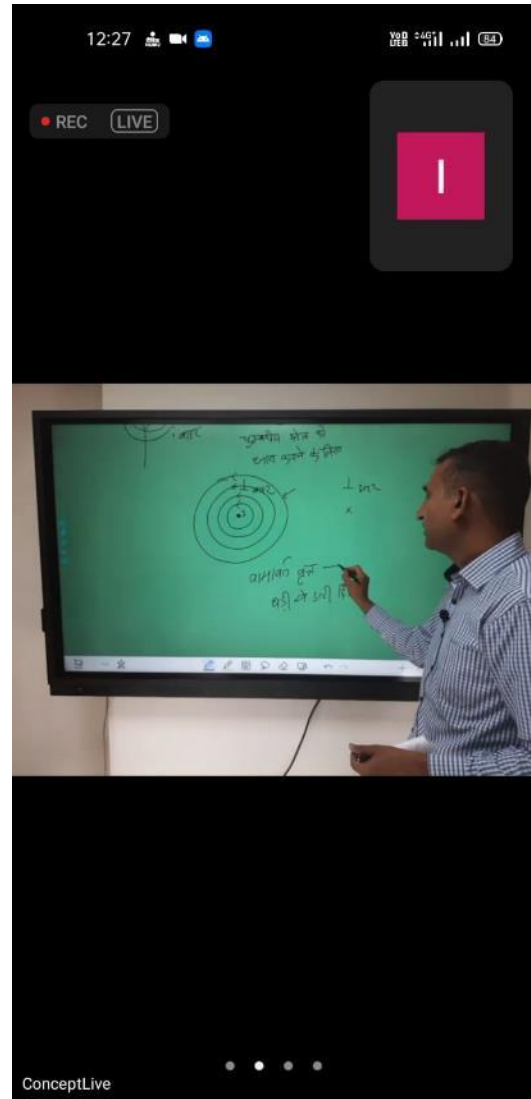
S. No	Question	Yes	No	%
1	Was the Assessment material and content helpful to you?	194	6	97%
2	Was the Assessment relevant to your syllabus?	195	5	97.50%
3	Was the technology (testing too, app) easy to use?	188	12	94%
4	Were you satisfied with the learning content and material?	192	8	96%
5	Do you think that assessments helped you in your annual examination?	190	10	95%

	Rating (Score out of 10)	7/10	8/10	9/10	10/10	Average
	Number of respondents rating at this score	3	15	22	160	9.69

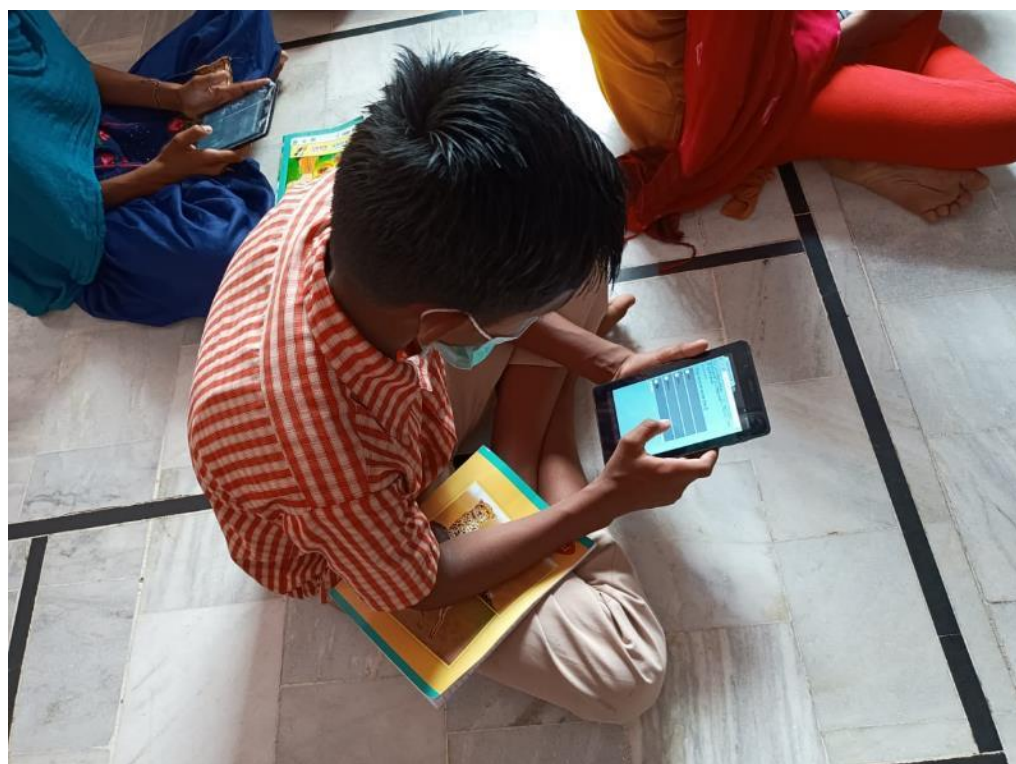




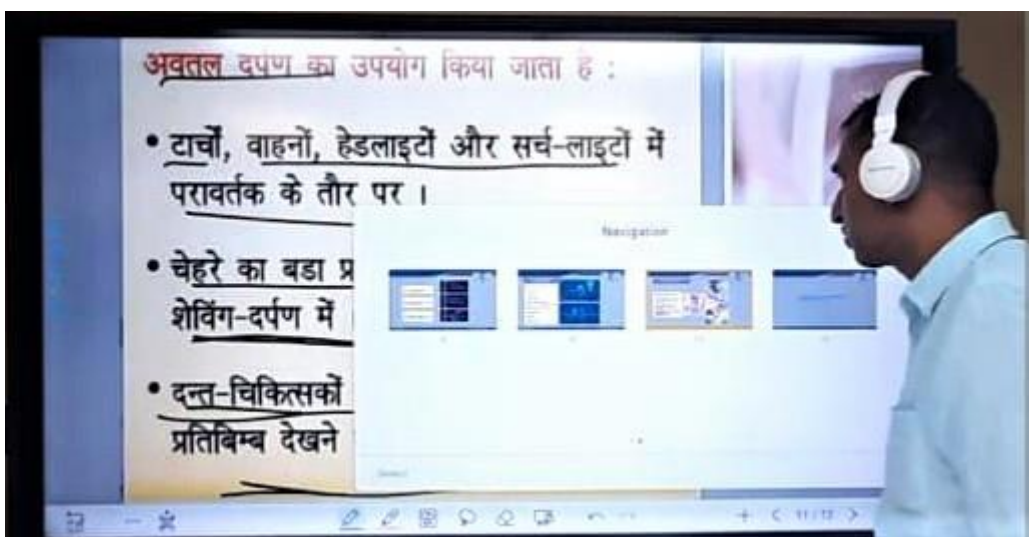
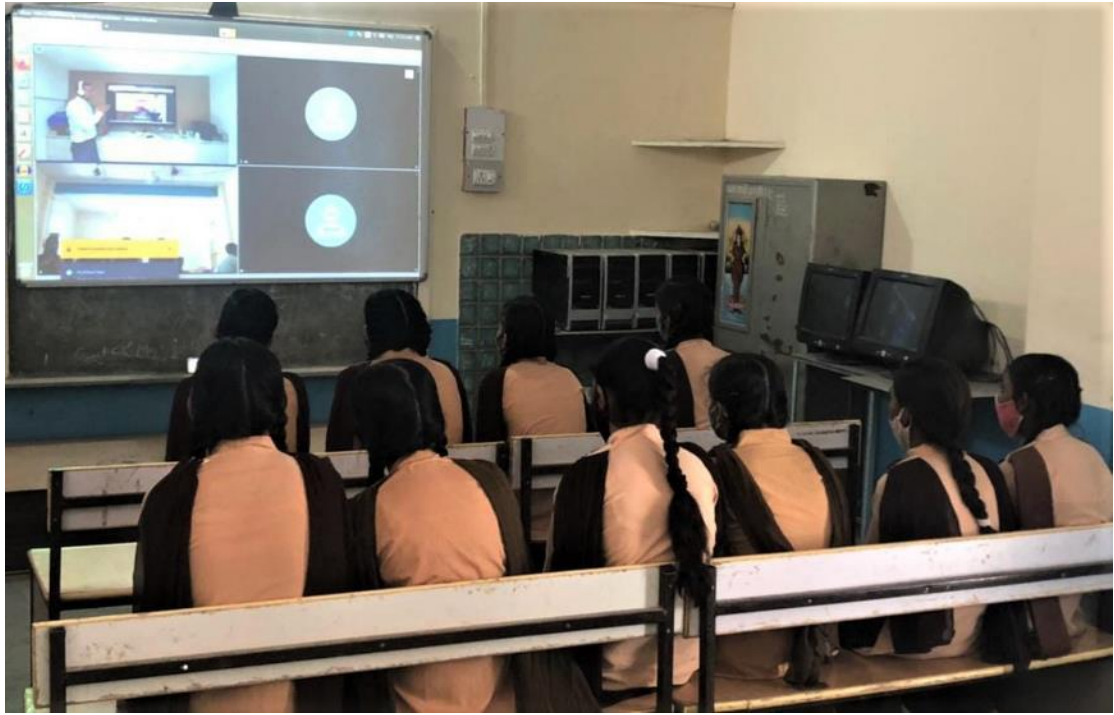
After school extra classes at village community centre during School Closure



Live classes by education partner ConceptLive



Tablet based assessment after school – at community centre



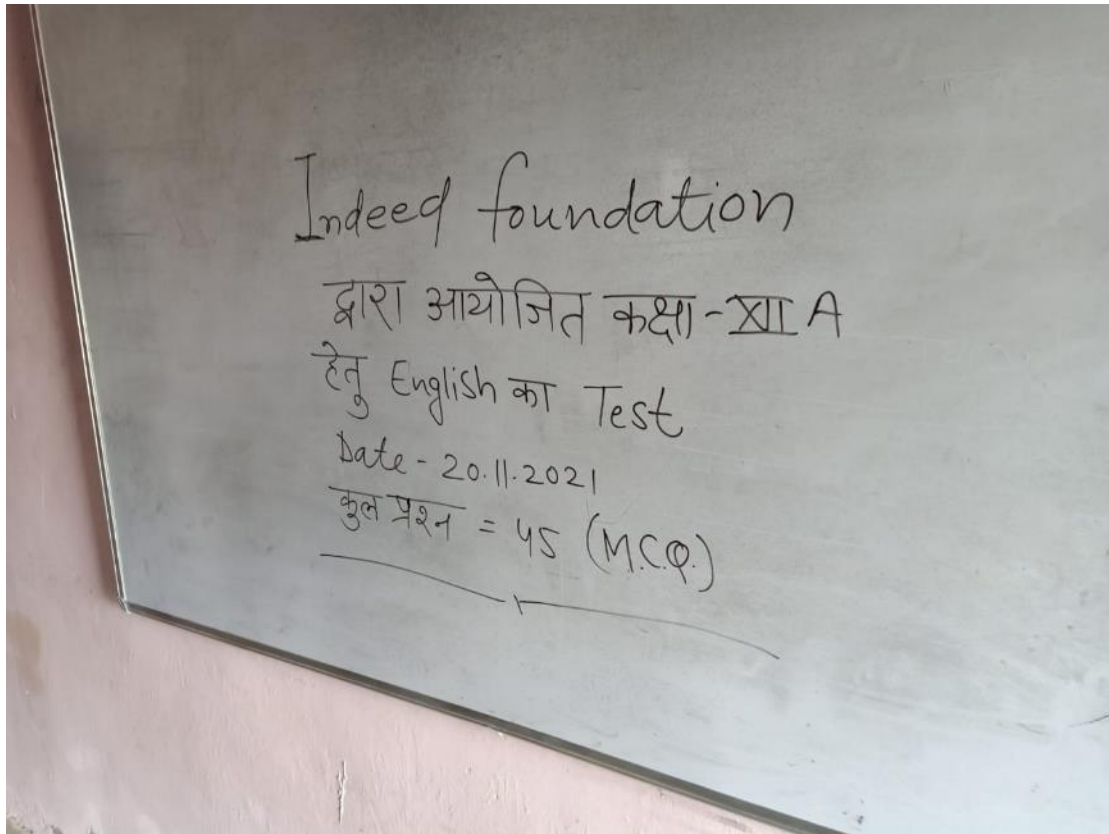
Live classes in Schools - by education partner ConceptLive



Students of Magra Punjla Govt. Girls School, Jodhpur – attending online class



Student Assessment on PLATform



Student Assessment on PLATform



Student Assessment on PLATform



Student Assessment on PLATform



Student Assessment on PLATform



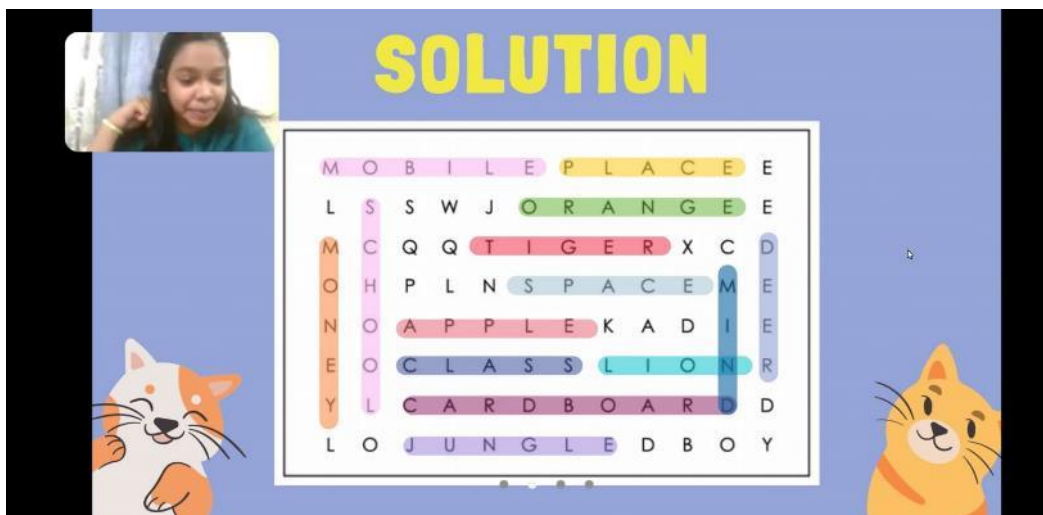
Student Assessment on PLATform



Art Therapy Training Session on Mental Health at Government School Jalam Singh Ka Hatta, Jodhpur



Co-curricular Activities by IN-DEED Volunteers



Interactive Learning Program Conducted by IN-DEED Volunteers



Explaining Difficult Curricular Concepts - Government Senior Secondary School Kaliberi, Jodhpur



Training on Student Well-Being and Mental Health conducted by Volunteer from Delhi School of Social Work