Offee

Patent Granted

Annexure

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Case Study: State CET Cell, Maharashtra

Overview:

- 60,102 students exams to be Conducted

Challenges:

- Online Exam pattern first time
- No mock exams for students
- Lack of Infrastructure
- Security & ease of use

Solution Implementation:

- Registration in 7 days - 60,000+
- Number of District : 22
- Number of Centres: 101 colleges
- No of Offee devices installed: 50
- No of student per classroom: 60
- Number of slot per day: 2

Results:

- Conducted 42,000 exams in 10 Days in 101 locations in 22 districts
- 1st time successfully implementation of mock exam on students devices
- Instant results with detailed analytics & statistics
- Revenue generated for colleges
- Convenient & Affordable then other solution

Testimonial:

"This new way of Offee exam assessment turned out to be more successful then expected, we got the results instantaneously with different statistics and analysis. Online exam without using traditional commuter lab & internet approach resulted in saving lot of effort, time and money for our government"

- Mr. A.E. Rayate, IAS, Commissioner, CET Cell

Orage Digital Private Limited

www.offee.in

Case Study - Jai Hind College

Overview:

- Total no. of Students: 1600
- Total no. of internal Exams: 9,500

Challenges:

- Online Exam Portal tried but not got satisfactory results
- Online Exam execution for all students avoided due to complexity as large pool of exams
- No sufficient infrastructure availability
- Concurrent high speed internet bandwidth
- Security & ease of use

Results:

- Conducted 9,500 exams in 10 hour   i.e. 2 hours each day for 5 days
- Instant results with detailed analytics & statistics
- Convenient & Affordable then other solution
- Go green - Trees saved by college: 50+

Solution Implementation:

- No of Offee devices installed: 16 i.e. 16 classroom
- No of student per classroom: 40
- Number of exams: 2-3/ student/ day
- Number of slot per day: 2
- Total students in each slot: 640
- Total students giving exam in 1 day: 950
- Total Exams conducted in 1 day in 2 slots: 1900

Testimonial:

"This was almost like a pilot project. The system did worked efficiently and our students were comfortable to use their own devices. Teachers got to know about the results instantaneously and found the implementation of Offee to be convenient and easy for them too. This new way of Offee- exam assessment is convenient and very ease in implementing, we are looking forward to use in all our exams and some other use cases"

-The Principal

Case Study – Somaiya University

Overview:

- Total no. of Students: 3,200
- Total no. of semester Exams: 19,200

Challenges:

- Online Exam Portal tried but not got satisfactory results
- Online Exam execution for all students avoided due to complexity as large pool of exams
- No sufficient infrastructure availability
- Concurrent high speed internet bandwidth
- Security & ease of use

Results:

- Conducted 19,200 exams in 10 hour, i.e. 2 hours each day for 5 days
- Instant results with detailed analytics & statistics
- Convenient & Affordable then other solution
- Go green - Trees saved by college: 70+

Solution Implementation:

- No of Offee devices installed: 30 i.e. 30 classroom
- No of student per classroom: 30
- Number of exams: 2-3/ student/ day
- Number of slot per day: 3
- Total students in each slot: 1500
- Total students giving exam in 1 day: 3000
- Total Exams conducted in 1 day in slots: 4000 max

Testimonial:

"We were skeptical when we started like how it will work offline? How students will react? To our surprise it got amazing feedback from students, as management it helped us save 30% of our exam budget and helped to reduce teachers time in making & correction paper drastically. We are going to implement this is in all our upcoming exams."

-The Principal

Successfully conducted 25,00,000+ Exams across 100+ Colleges
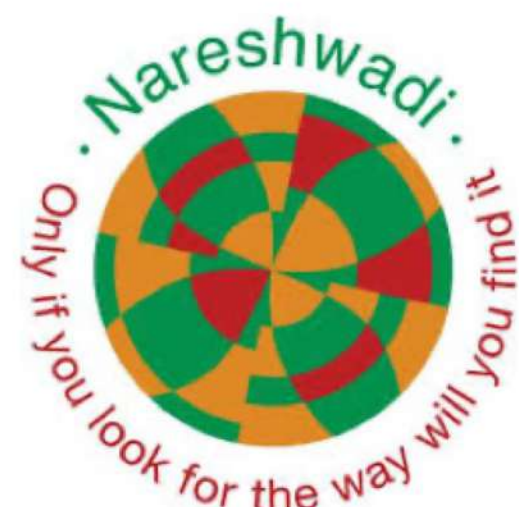
In 2018, Offee became 1st Company in India to conduct exams digital on student's own device

3,000 students of city college take internal tests on mobiles

Teachers Get The Results In An Instant

Yogita.Rao@timesgroup.com

Mumbai: After laptops, a city college is now using mobile phones for the benefit of students. Over 3,000 students of K J Somaiya College of Arts and Commerce recently took their internal tests on smartphones.

The college conducted 20-mark tests—multiple choice and true or false questions—for all classes with the help of a small device that can create its own network and can be connected to 100 smartphones in a classroom. After the success in one of its institutes, the Somaiya Trust now plans to use the technology in other colleges on its Vidyavihar campus in the coming session. It also plans use it in teaching. The device, Offee, was developed by an alumni, Amit Shah, in the incubation centre of the group's engineering college.

The students were asked to

ANTI-CHEATING APP

➤ Students connect cellphones to Offee, a device developed by a Somaiya alumni
➤ The device can be connected to up to 100 phones
➤ Students download an app, go offline
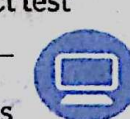➤ Log in using their roll numbers, start the test
➤ Test has multiple choice and true or false questions
➤ Questions are not in same order for all students

Other colleges

St Xavier's and DG Ruparel have made use of online platforms like Moodle to conduct test online

St Xavier's allows submission of projects online, assesses them using anti-plagiarism software

download an app from Offee network and then go offline. They had to then go to the only website supported by the device and log in using roll numbers and password. The questions are not in the same order for all students, eliminating the possibility of malpractices.

Riddhi Chheda, a first year B Com student, said her class has given three tests in accountancy, economics and commerce. "We did not face any net-work-related issued. It was a wonderful experience and took very little time," said Chheda. "It's almost like playing an educational game on the mobile," said another student.

The provost of Somaiya Vidyavihar, Rajan Welukar, said, "This was almost like a pilot project. Teachers got to know about the results instantaneously. They could also keep track of the pace at which students were answering questions. We

are planning to make use of the technology in the teaching process too. We may extend it to other forms of exams, too, in future. It can help teachers to pace their teaching according to the needs of the children."

Shah, who developed Offee, said it is actually a test conducted in offline mode. "The device has in store the questions created by faculty members. Any form of information can be uploaded onto the device and then downloaded on students' smartphones when it is connected and used whenever required," he said. He has now collaborated with a tech firm to reach out to a wider audience.

While using technology for tests is not new, very few colleges are making use of online platforms as they have to follow a testing pattern prescribed by Mumbai University. St Xavier's and DG Ruparel colleges have made use of online platforms like Moodle to conduct test online. St Xavier's even allows submission of projects online and assesses them using an anti-plagiarism software, said principal Agnelo Menezes.

History Created! No Internet! No Computers!

Orage Digital Private Limited   www.offee.in
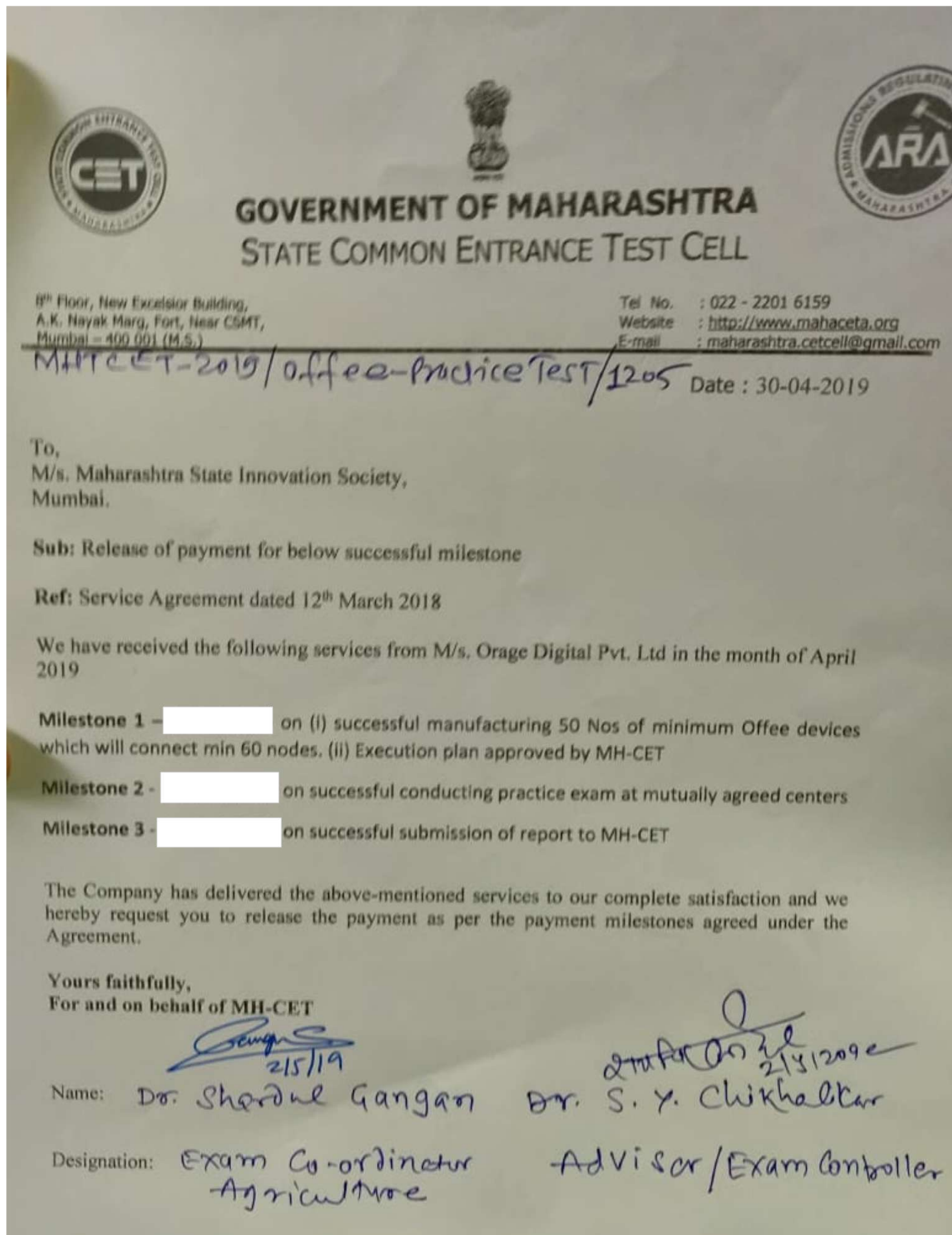
Awards & Recognition

1. Aegis Ghram Bell award, supported by Ministry of Electronics & Telecommunication & Niti Ayog.

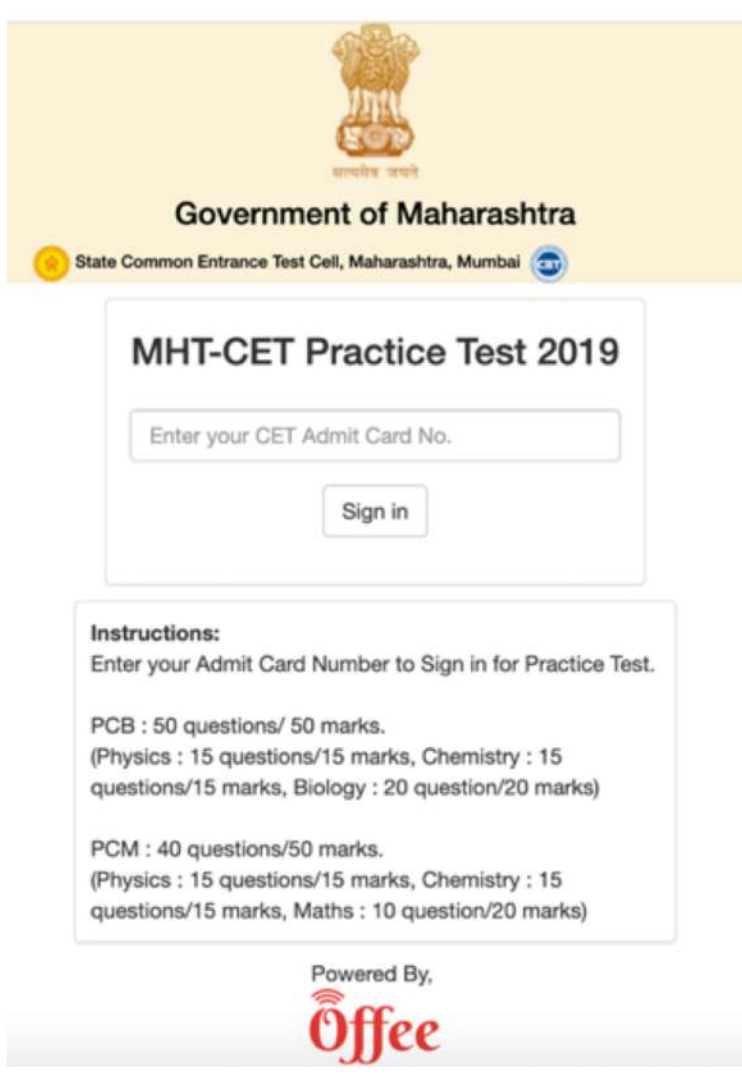2. Offee won/ selected by Dubai Chamber – Reward: Present Offee @Gitex, Dubai & Gitex Morocco, Africa.

Work Completion Certificate

Awarded as Top 3 Ed-Tech startup by Government of Maharashtra
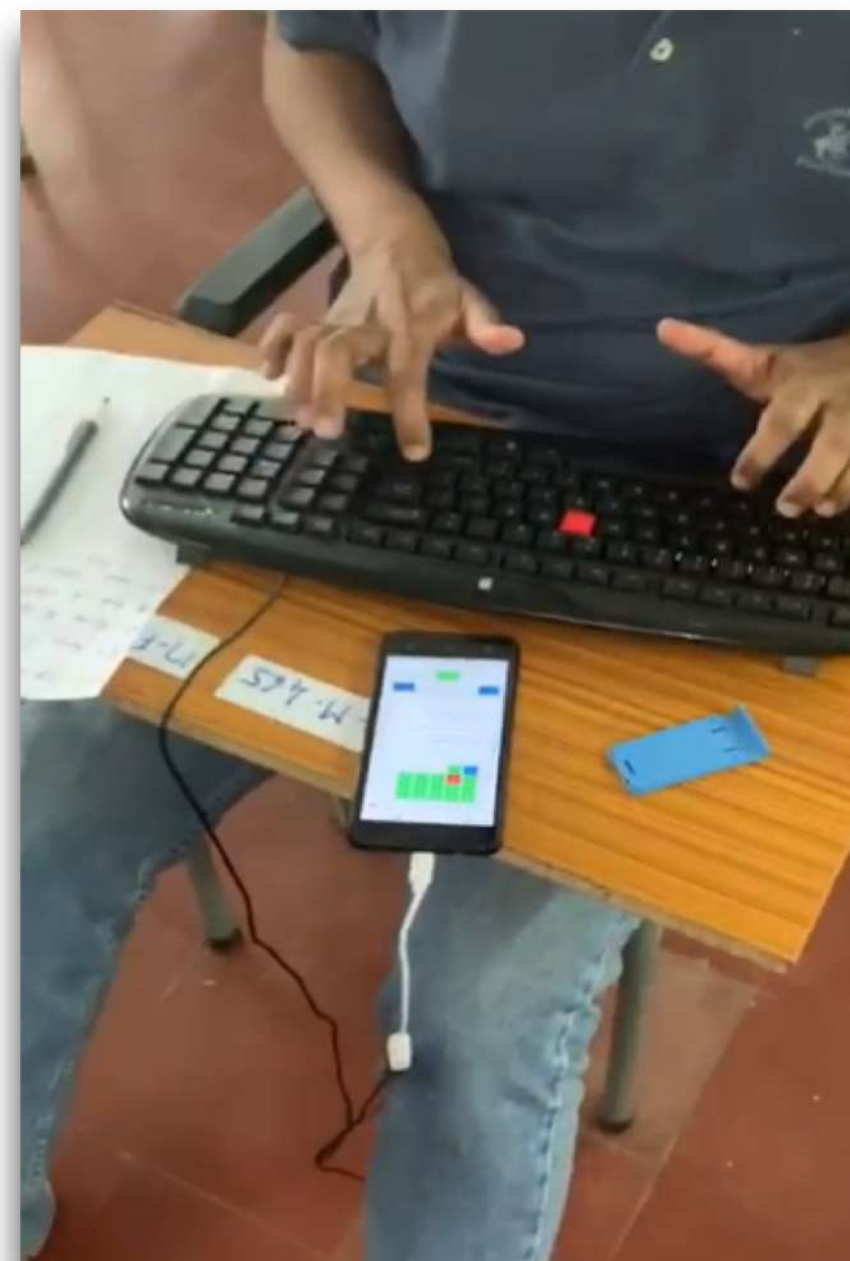
MHT- CET Practise Exam
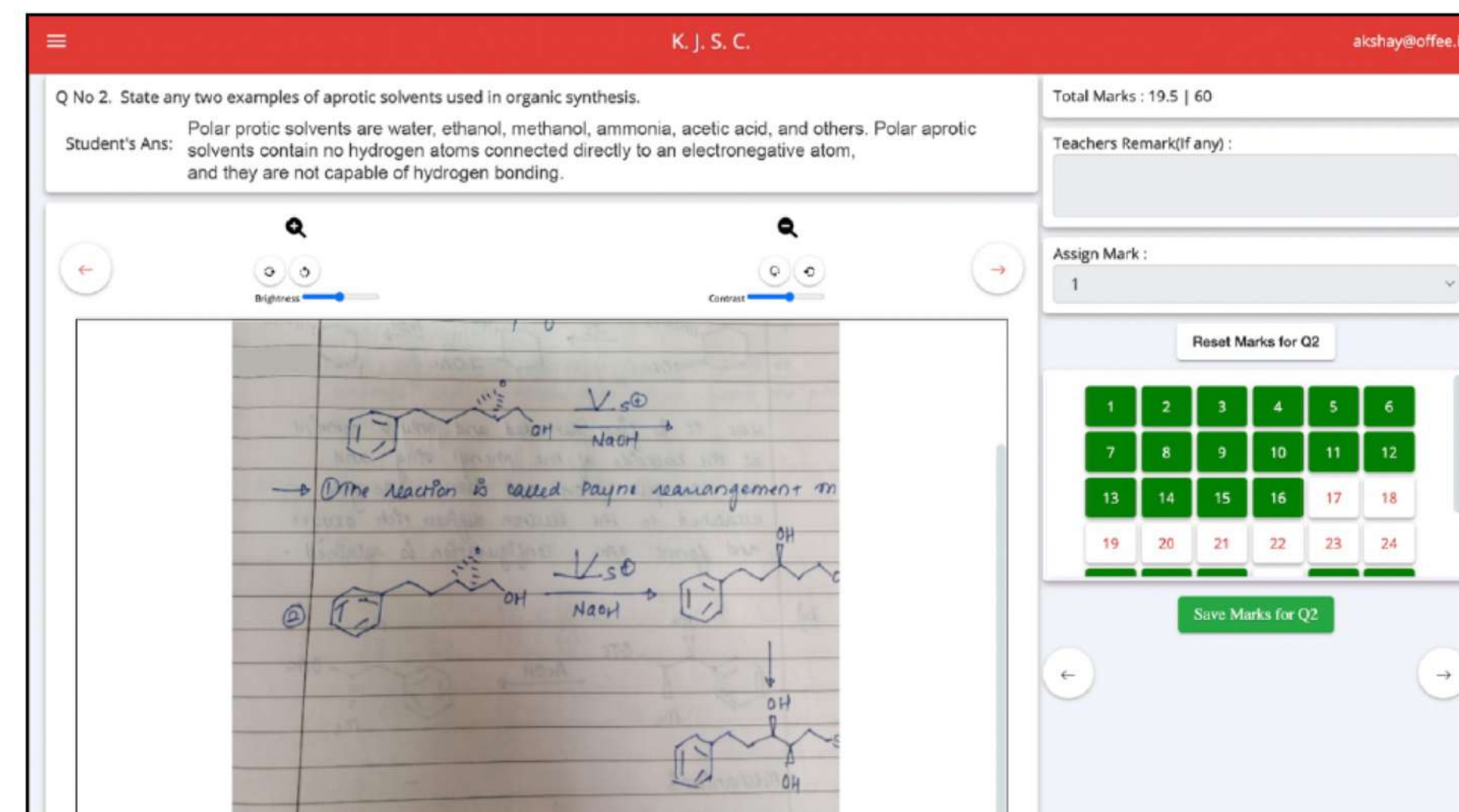
Classroom

Drawing Hall

Auditorium

Computer Lab

Conduct Exam Using *Offee* Anywhere

Conduct Subjective Exam Using Offee

*Student's can connect **keyboard** to mobile for better typing experience or **Laptop** or **Scan** the answers*

Web Portal for teachers to do correction remotely via secure and controlled Log-In Environment.

1. Students typed answer can be read by Evaluator just like reading a word document.

2. Diagram, Formulas or anything scanned by student can be seen on screen and overall marks can be assigned.

AIF
AMERICAN
INDIA
FOUNDATION

ABOUT US   OUR WORK   GET INVOLVED

——— APRIL 25, 2022

AIF AND DESAI SETHI FOUNDATION JOIN FORCES FOR DEEP-SHAALA

👤 ADMIN   📁 DIGITAL EQUALIZER   💬 0

View site information

DEEP-Shaala, a new initiative under AIF's flagship program-Digital Equalizer (DE), has been approved by the Government of Gujarat! This ground-breaking project is a $3.9 Million partnership with the Desai Sethi Foundation d/b/a Samvid Ventures that aims to significantly enhance learning outcomes of 15,300 students over a period of four years by providing students and relevant teachers in 80 government schools with tablets, developing and delivering free online classes, providing Wi-Fi connectivity for schools, creating content, and training teachers. All activities aim to address the digital divide that currently puts underprivileged children at a meaningful disadvantage in their educational pursuits.

DE has empowered over 5 million children with interactive STEM experiences over the last 15 years and is now a cornerstone of AIF's mid/long-term COVID recovery work as we continue "Rebuilding Lives." During the prolonged lockdowns related to the pandemic, we've seen significant learning regression, an increase in dropout rates, and the digital divide widening. AIF is working on these issues to get students back in school and work on their grade level competencies. We are very excited about this partnership and thank DSF for their continued commitment to improving educational outcomes for underprivileged children.

DEEP-Shaala Project
of 80 Schools done
with AIF Foundation

Offee installed in every
school for exams
& learning content

www.offee.in
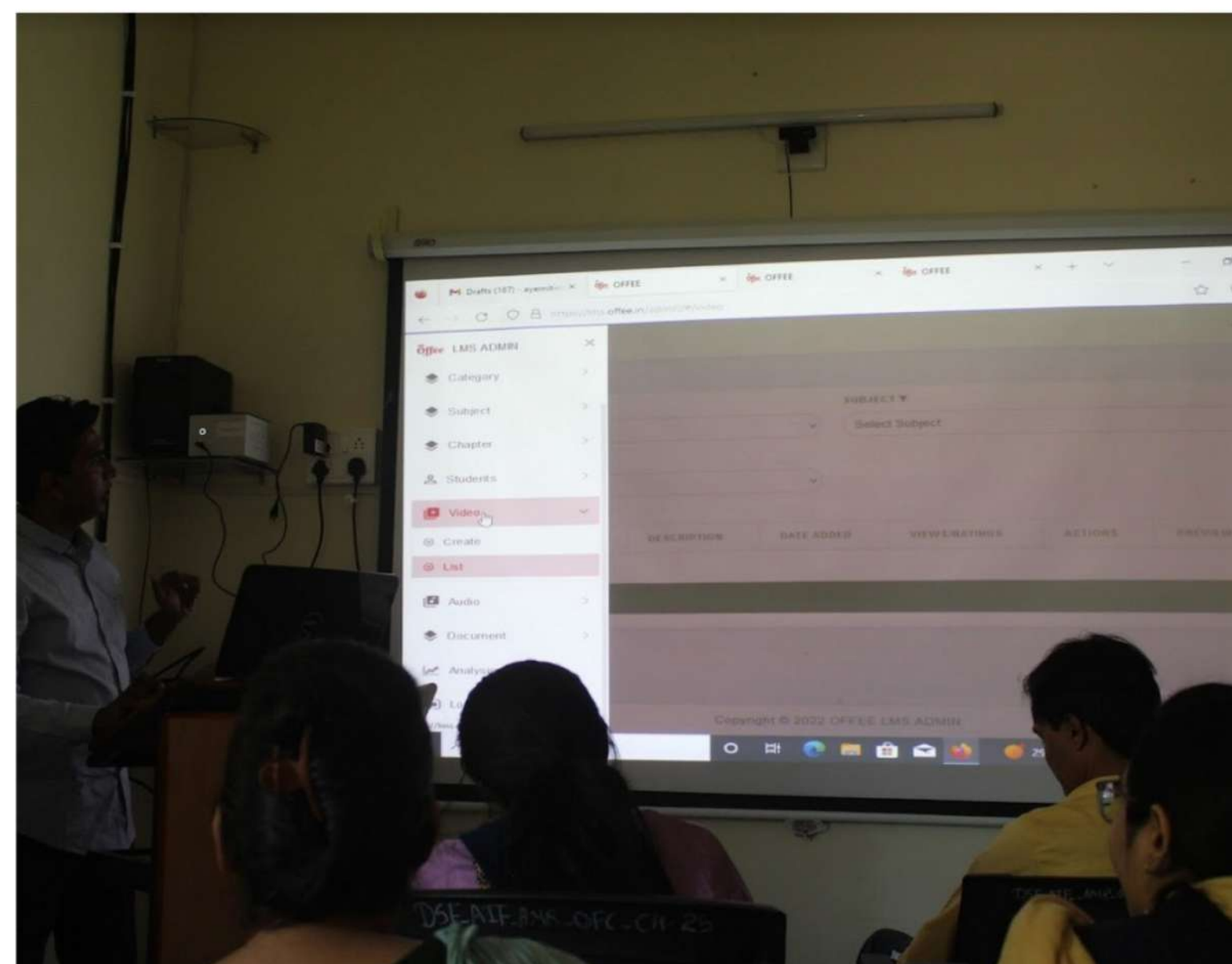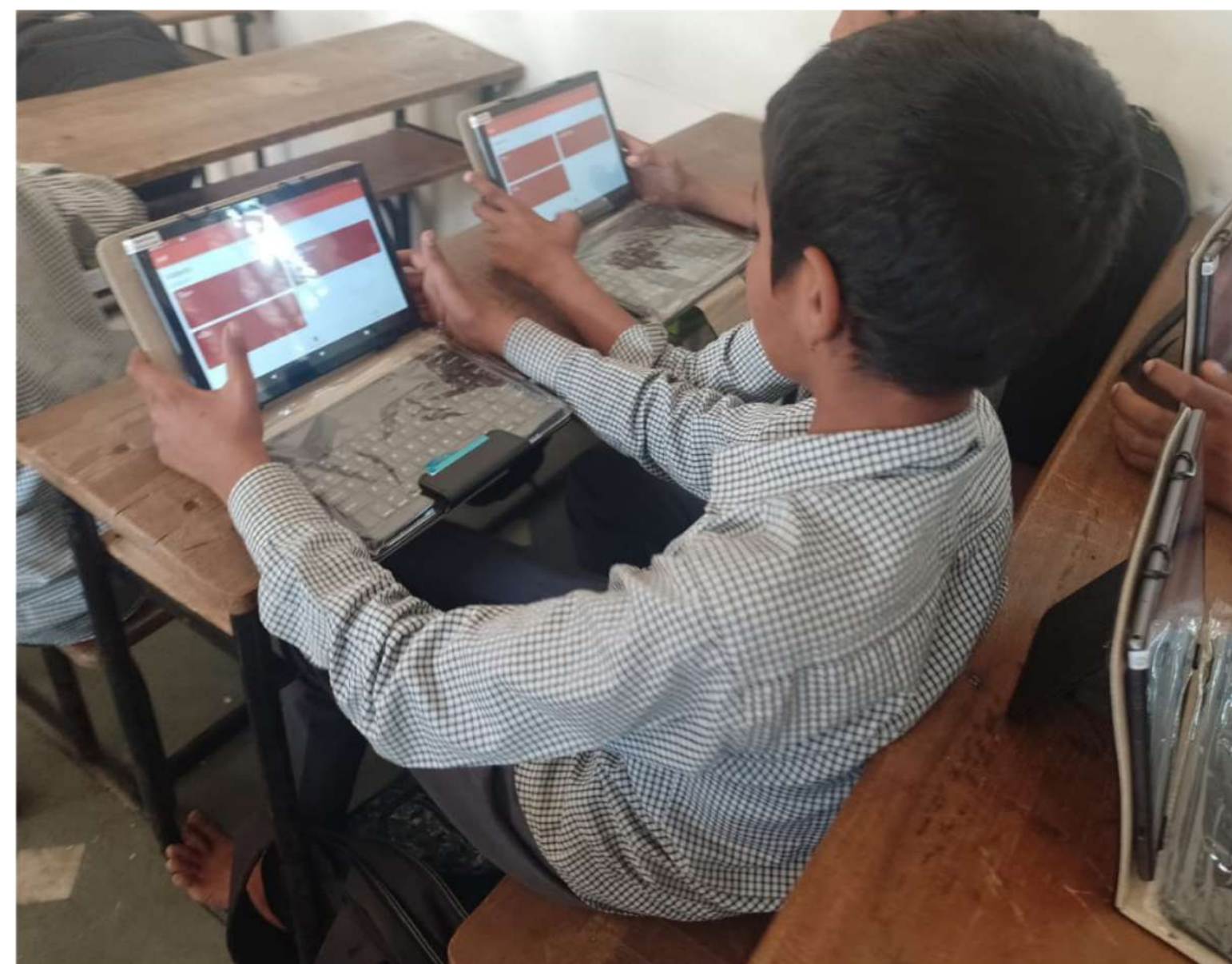
Offee in Gujarat Schools

1. LMS built for specific requirement

2. Students & teacher in classroom digital learning experience without internet

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Times Of India News Paper

Inauguration of Coffee Table Book by The Chief Minister.

This Coffee Table Book consists top 60 startup stories.

DREAM BELIEVE BUILD
Sixty Startup Stories
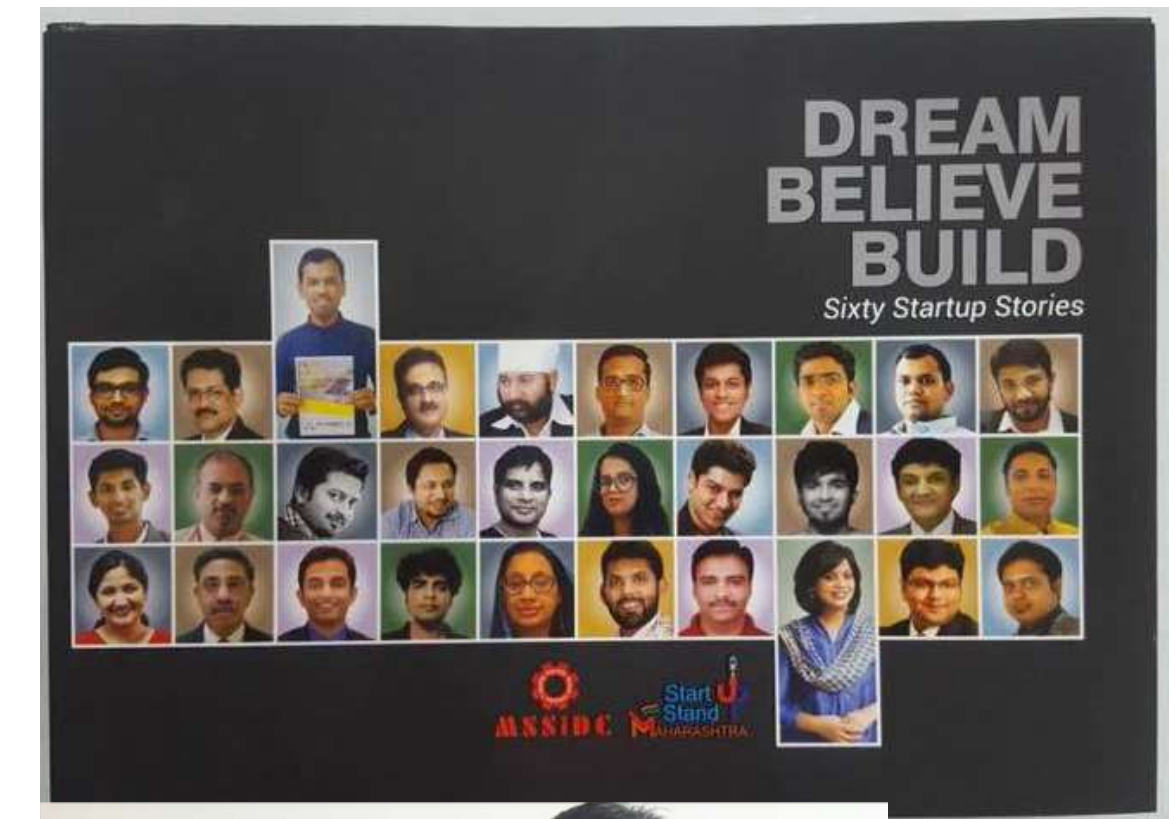
The real life Phunsukh wangdu of 3-Idiots movie

14

Mob tries to burn al

THANE: An irate mob allegedly tried to burn accused involved in chain snatching and other Sunday. A case under relevant sections of IPC adding a probe was on.

Amit Shah

Now take exams on mobiles!

■ MOHAMMED OMAIR

Mumbai: The K.J Somaiya Arts and Commerce College at Vidyavihar has introduced a first ever mobile examination pattern, wherein students have to log in 'Offline Education and Entertainment' (OFFEE) a device that works as a wifi hotspot.

In this device, the teachers and students can upload their study materials during the lecture hours. But, most importantly, the teachers can upload the examination papers during the exams.

Amit Shah, the founder of OFFEE said it is not necessary that one should have a smart phone for using this new technology. It can be operated on ordinary browser cell phones.

OFFEE has the ability to store information up to three tetra bytes. It acts as a pocket library for the students and teachers. Every student will have their own unique Radio Frequency Identity (RFID). Shah said the students can access information and study material directly through this device. "I have been working on this project for one and half years, this device has been examined and implemented at KJ Somaiya College. It has various advanced functions like audio and videos on different subject," said Shah.

Transgende

■ MOHAMMED OMAIR
Mumbai

'ऑफी'मार्फत मोबाईलवर परीक्षा

सीईटी सेलचा देशात प्रथमच विद्यार्थ्यांसाठी अनोखा प्रयोग

सकाळ वृत्तसेवा

मुंबई, ता. ५ : राज्य सामाईक प्रवेश परीक्षा कक्षाने (सीईटी सेल) भारतात प्रथमच अनोखा प्रयोग करण्याचे ठरवले आहे. त्यासाठी महाराष्ट्र राज्य नावीन्यता संस्थेची मदत घेण्यात आली असून, या संस्थेतील विद्यार्थ्यांनी तयार केलेल्या 'ऑफी' उपकरणाद्वारे ऑफलाईन परीक्षा घेणे शक्य झाले आहे. संगणक, लॅपटॉपशिवाय आणि वीज नसलेल्या भागातील विद्यार्थ्यांना 'ऑफी'द्वारे मोबाईलवर परीक्षा देता येईल.

मोबाईल हा तरुणांच्या आयुष्याचा अविभाज्य भाग बनला आहे. प्रत्येक महाविद्यालयीन विद्यार्थ्यांकडे अँड्रॉईड मोबाईल असतोच.

"या तंत्रज्ञानामुळे विद्यार्थी आणि शिक्षक दोघांनाही फायदा होणार असून, नियमित अभ्यासक्रम शिकवण्यासाठीही हे वापरता येईल.
— आनंद रायते, आयुक्त, सीईटी सेल

ग्रामीण भागातील विद्यार्थ्यांना चांगल्या सुविधा देण्यासाठी पावले उचलली आहेत. विद्यार्थ्यांचा वेळ, पैसा वाचावा या हेतूने 'ऑफी' या उपकरणामार्फत प्रायोगिक तत्त्वावर परीक्षा घेण्यात येईल. अशा पद्धतीने परीक्षा घेणारे महाराष्ट्र हे पहिले राज्य आहे.

'टेक्नोसॅन्ही' विद्यार्थ्यांना मोबाईलवर परीक्षा देण्याचा प्रयोग केला होता. या प्रयोगाला राज्य सरकार आणि सीईटी सेलने प्रोत्साहन दिले आहे. या विद्यार्थ्यांनी बनवलेल्या 'ऑफी' या उपकरणाच्या माध्यमातून इंटरनेट, वीज नसतानाही विद्यार्थ्यांना परीक्षा देता येईल. ग्रामीण भागातील वीज, संगणक कक्ष आदींची अडचण लक्षात घेऊन विद्यार्थ्यांनी हे उपकरण तयार केले आहे. या लहान आकाराच्या उपकरणात प्रश्नपत्रिका सेट करण्यात येतात.

परीक्षा देणारे विद्यार्थी वाय-

फायमुळे जोडले जातात. त्यानंतर विद्यार्थ्यांच्या मोबाईलमधील सर्व सॉफ्टवेअर लॉक होतात. त्यानंतर कोणताही वापर विद्यार्थ्यांना करता येत नाही.

राज्यातील १० जिल्ह्यांमध्ये प्रायोगिक तत्त्वावर उपक्रम

'ऑफी'ला जोडले गेल्यानंतर विद्यार्थ्यांना लॉगिन करताच प्रश्नपत्रिका उपलब्ध होते. ही परीक्षा साध्या मोबाईलवरही देता येतो. दिलेल्या वेळेत विद्यार्थ्यांना प्रश्नपत्रिका सोडवून सबमिट करावी

लागेल. त्यानंतर विद्यार्थ्यांचा पेपर या उपकरणात सेव्ह होईल. वेळ संपल्यानंतर विद्यार्थी खंडित होईल. या उपकरणातील चिप संगणकाला जोडून उत्तरपत्रिका तपासण्यासाठी घेतल्या जातील. या उपकरणाचा वापर करण्याचा निर्णय सीईटी सेलने घेतला आहे. अभियांत्रिकी, औषधनिर्माण, कृषी आदी अभ्यासक्रमांच्या परीक्षांच्या तयारीसाठी या उपकरणामार्फत सराव परीक्षा देण्याची सुविधा विद्यार्थ्यांना उपलब्ध करून दिली आहे.

राज्यातील १० जिल्ह्यांमध्ये प्रायोगिक तत्त्वावर हा उपक्रम राबवला जाईल. विद्यार्थ्यांना सराव परीक्षेसाठी १० एप्रिलपर्यंत नोंदणी करता येईल. 'ऑफी'द्वारे १२ ते ३० एप्रिलपर्यंत वाचण्या घेण्याचा येणार आहे.

मटा अँकर   सोमय्या कॉलेजमध्ये प्रयोग; माजी विद्यार्थ्यांचे अनोखे तंत्रज्ञान

विद्यार्थ्यांनी दिली मोबाइलवरून परीक्षा!

म. टा. प्रतिनिधी, मुंबई

परीक्षा काळात विद्यार्थ्यांनी मोबाइल वापरल्यास पालकांची नेहमीच चिडचिड होते. मात्र, याच मोबाइलवरून विद्यार्थी परीक्षा देत असतील तर?.. यावर विश्वास बसणार नाही, पण हे खरं आहे. मुंबईतील सोमय्या कॉलेजच्या जवळपास तीन हजार विद्यार्थ्यांनी यशस्वीरीत्या दिली. क्लिकर व्होटिंग मशिनच्या मदतीने ही परीक्षा घेण्यात आली असून, अशाप्रकारे परीक्षा घेण्याचा कुमान देशात पहिल्यांदाच सोमय्या कॉलेजच्या नावावर दाखल झाला आहे.

परीक्षा पद्धतीत बदल आणि पारदर्शकता आणण्याच्या उद्देशाने

"या तंत्रज्ञानामुळे विद्यार्थी आणि शिक्षक दोघांनाही फायदा होणार असून, नियमित अभ्यासक्रम शिकवण्यासाठीही हे वापरता येईल. या तंत्रज्ञानामुळे विद्यार्थ्यांच्या शिक्षणाचा कलही समजणार आहे. शिवाय विद्यार्थ्यांना एखाद्या विषयाचे आकलन झाले की नाही हे शिक्षकांनाही समजणार आहे.
— डॉ. राजन वेळूकर, प्रो-होस्ट, सोमय्या कॉलेज

क्लिकर व्होटिंग मशीन तंत्रज्ञानाची किमया

सोमय्याच्या तीन हजार विद्यार्थ्यांनी दिली मोबाईलवर परीक्षा

हिंदुस्थानातील पहिलाच अभिनव प्रयोग
तत्काळ रिझल्ट, वेळ-खर्च वाचणार

मुंबई, दि. ५ (प्रतिनिधी) – के. जे. सोमय्या महाविद्यालयाच्या तब्बल तीन हजार विद्यार्थ्यांनी २५ गुणांची परीक्षा मोबाईलवरून यशस्वीरीत्या दिली. या परीक्षेचे निकालही ताबडतोब जाहीर करण्यात आले. यामुळे विद्यार्थी-शिक्षकांचा वेळ आणि खर्चही वाचला आहे. यासाठी कॉलेजने 'क्लिकर' व्होटिंग मशीन डिव्हाइस बनवले आहे. विशेष म्हणजे असा प्रयोग यशस्वीरीत्या करणारे के. जे. सोमय्या महाविद्यालय देशातील पहिले कॉलेज ठरले आहे.

शिक्षण पद्धतीत आमूलग्र बदल करण्यासाठी विद्याविहारच्या के. जे. सोमय्या कला-वाणिज्य महाविद्यालयामध्ये अत्याधुनिक तंत्रज्ञान आणण्यात येत आहे. यासाठी विद्यार्थ्यांना अभ्यासक्रम शिकवण्यासाठी नवीन तंत्रज्ञान ■ पान ८
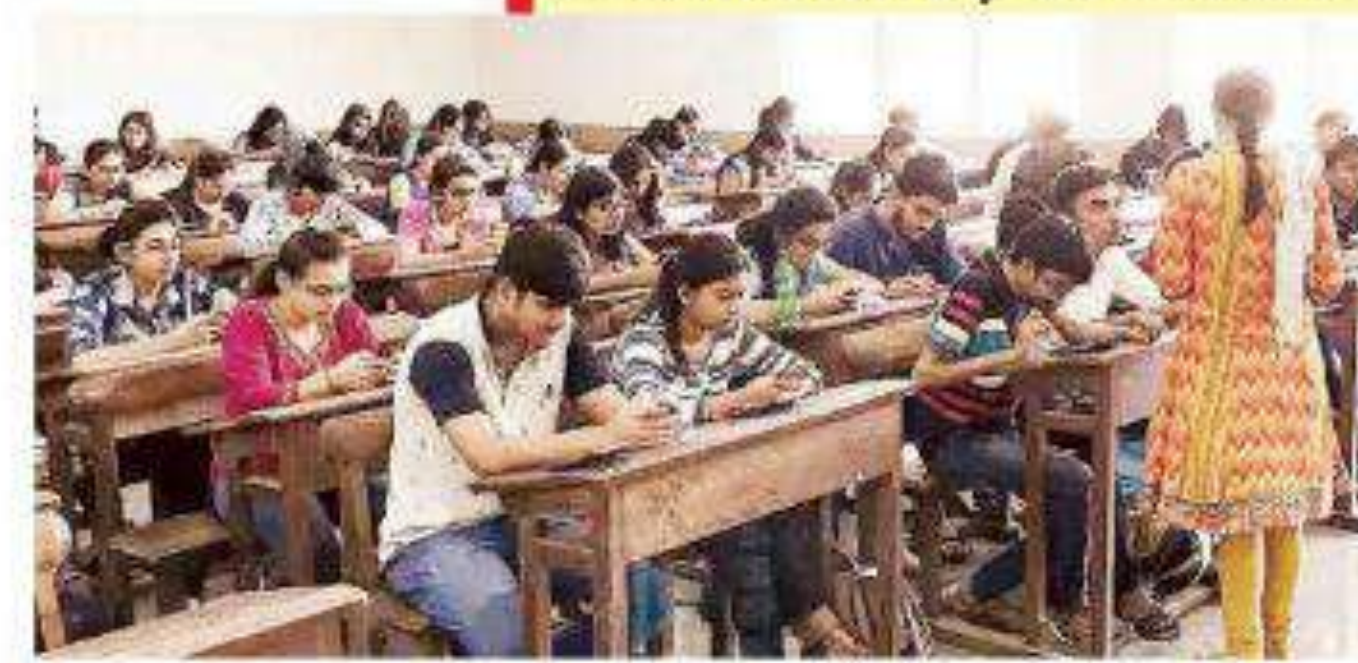
सोमय्या महाविद्यालयात सुरू करण्यात आलेल्या तंत्रज्ञानामुळे विद्यार्थी आणि शिक्षक दोघांनाही फायदा होणार आहे. नियमित अभ्यासक्रम शिकवण्यासाठीही या तंत्रज्ञानाचा वापर करता येणार आहे. या तंत्रज्ञानामुळे विद्यार्थ्यांचा शिक्षणाचा कलही समजणार आहे. शिवाय विद्यार्थ्यांना एखाद्या विषयाचे आकलन झाले की नाही हे शिक्षकांनाही समजणार आहे.
■ डॉ. राजन वेळूकर, प्रो-होस्ट, सोमय्या महाविद्यालय

Media Coverages
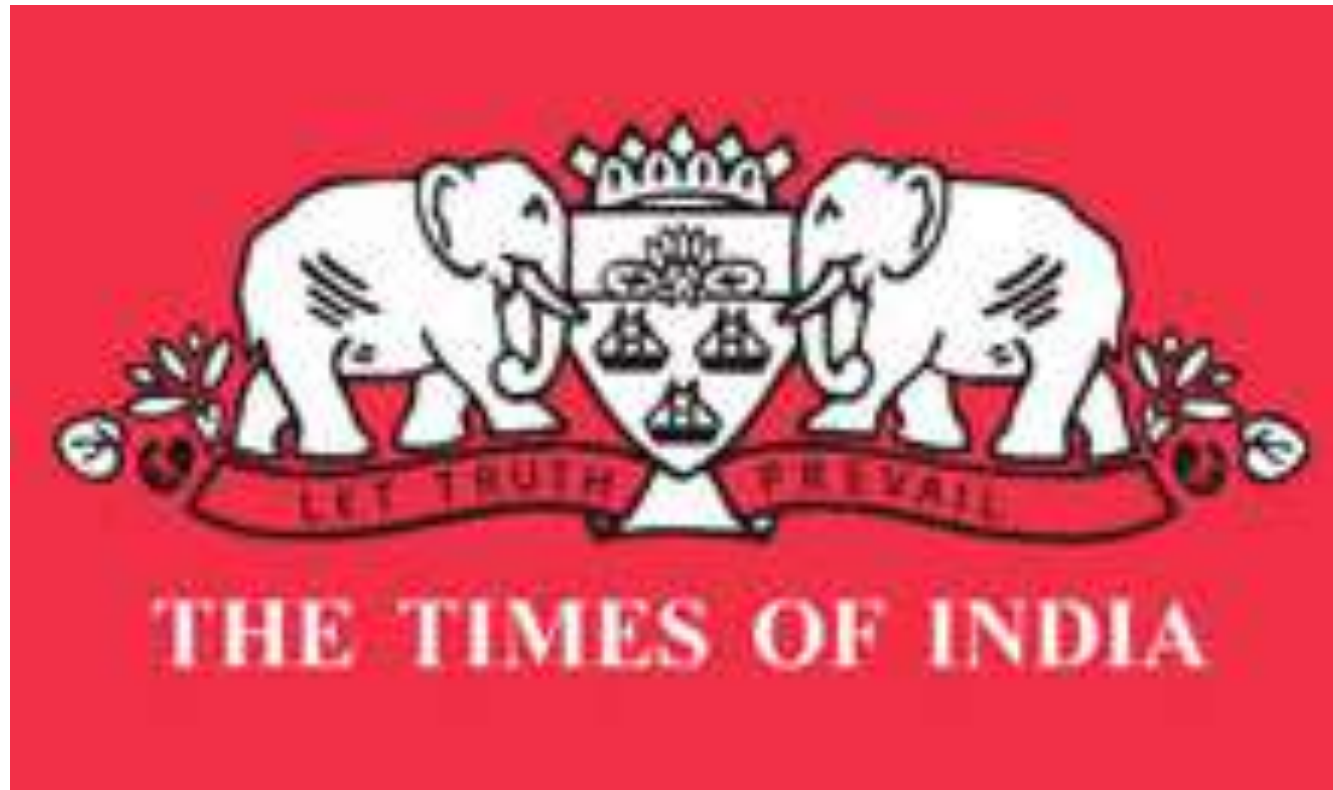
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