



# Foreshadowing Evolution: How the Assessment Landscape Changed

Are You Part of the Online Revolution?

**mettl**

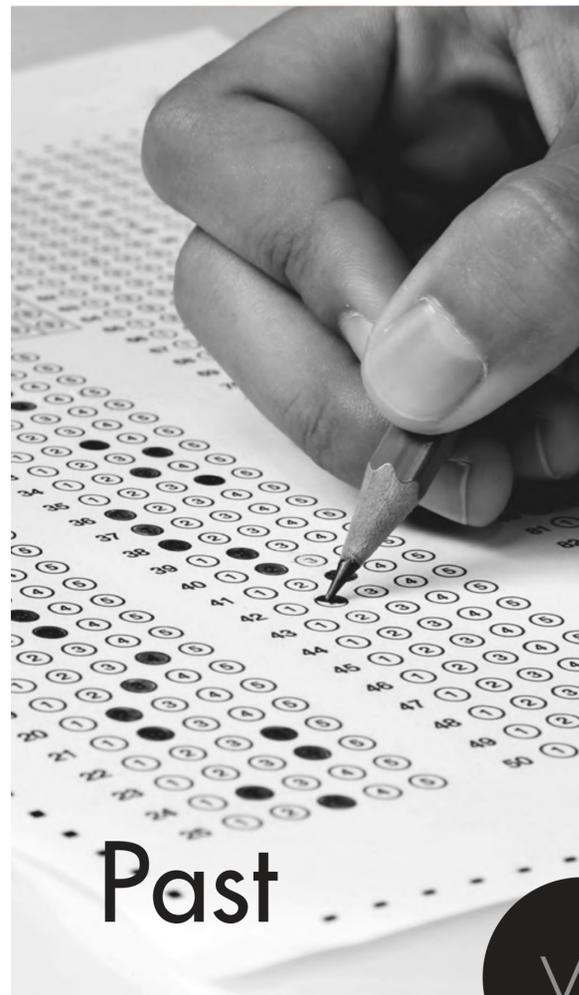
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# Shifting Online

## Why is it a necessity today



Past

VS



Future

*We're being forced to live with a system that we've had for more than a century. That's not necessary. It's expensive and it's subject to all sorts of variables, not least human failure. That whole system is just out of step with technology and I think it'll be consigned to history soon.*

**- DAVID HANSON,  
Chief Executive of IAPS, on Traditional Assessments.**

There is no denying that reforms are required to eradicate serious exam marking errors; combine this with printing and logistical problems that have led to the wrong papers being delivered in certain scenarios even. A rise in online assessments would inevitably lead to a reduction in the use of pens, pencils and paper in the classroom. This, considering pupils are taught using the same system employed in the exam hall to some extent.

Here's what we would look at with a shift to online assessments:

- 1 Reduction in Logistical Hassles**
- 2 Reduction in Processes & Time**
- 3 Flexibility in Choice: Exam Day & Time**
- 4 Auto-Generated Results**
- 5 Reduction in Manpower**
- 6 Reduction in Cost for Institutions & Test Takers**

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Now, having peaked at all there is to obtain from the digital world, you must have questions. How about we help you with one? With all it gives in terms of convenience and futuristic prowess, the online mode of assessment is not without its flaws. Yes, why are people so resistant to change? That is the question to ask.

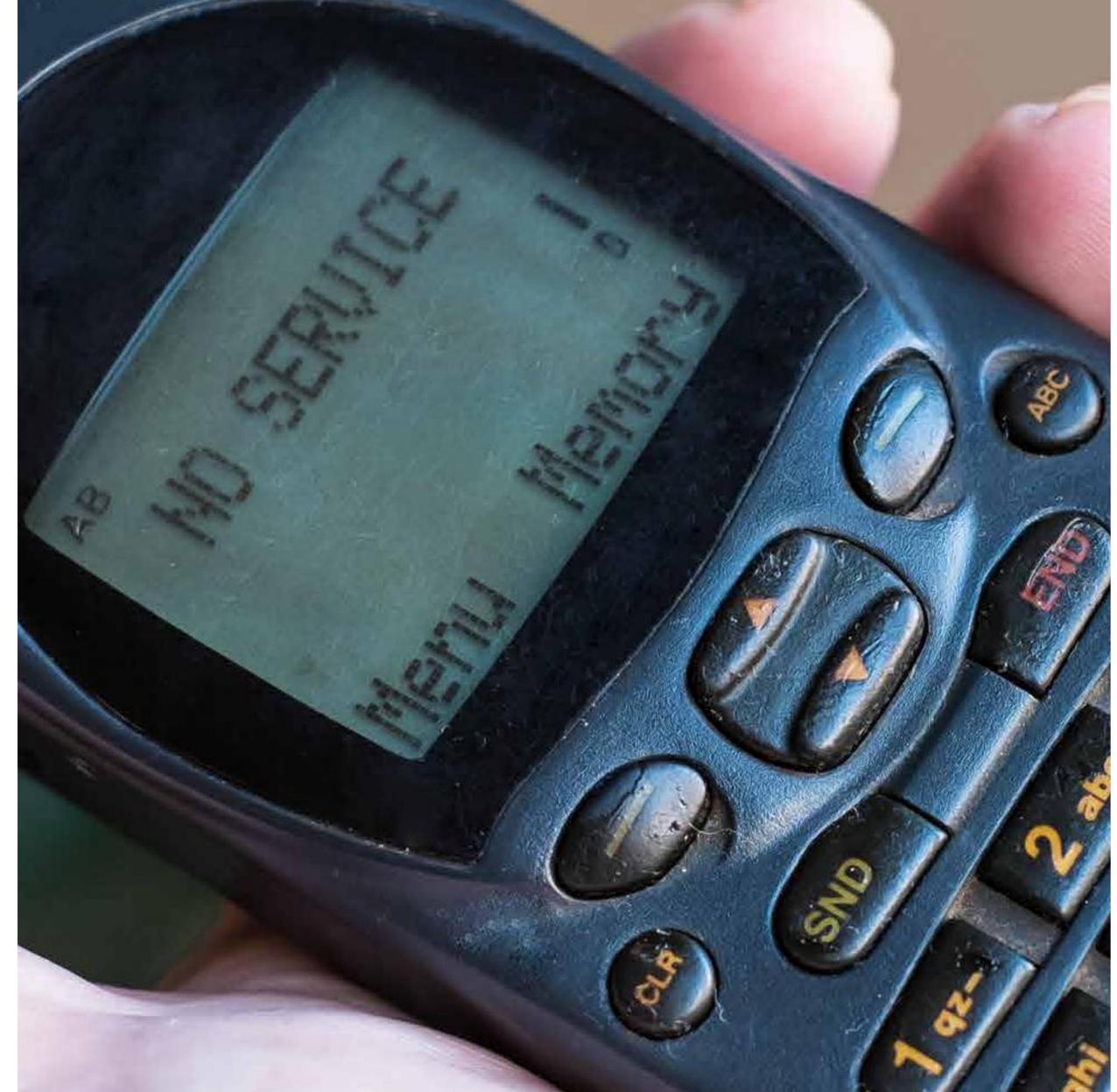
# Factors That Hinder

## What Kills our Faith?

Anything new is often questioned. Such is how our brains function, and considering the scenario, the emergence of critics bore little to no effect in terms of surprise. As a warning, these men and women cited that an over reliance on technology could damage key skills such as literacy. This, as young people increasingly turn to spell checkers and shun handwriting in favour of keyboards.

Within the platform, however, and especially in India, the online mode of assessments faced another set of challenges:

- **Paper Leakage**
- **System & Internet Infrastructure**
- **Test Taker Impersonation**



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Under such adversity, the \$40 Billion mark sure does sound unreachable, even more so by 2017. However, technology thrives best under adversity. Weaponry, espionage, chemical warfare are compressed advancements credited to wars, namely World War I and II.

Among pioneers, [Mettl](#) is one such example.

# The Mettl Solution

## What Rejuvenates our Faith?

The education sector in India has undergone rapid expansion, and is currently largest in the world, enrolling over 70 million students. In fact, in less than two decades, India has managed to create additional capacity for over 40 million students. That's a lot of assessments, and a lot of money over the fire. [2]

Mettl aims to serve and cater to these large numbers, even with the challenges present in fraud, internet and system infrastructure.

### Problem

### Platform Solution

Internet Speed

**Works on Low Speed**

Payment Collection

**Option to Pay Online**

Authentication

**Aadhar Card & Biometric Verification**

Comfort with Platform

**Demo / Mock Tests**

Now, the question on **Malpractices & Auditability** may arise. After all, what is to stop someone from cheating their way to high scores just as with traditional assessments?



# Remote Proctoring



Our solutions are proctored online either via Artificial Intelligence or Live Proctors trained for the job. While human proctors are easily able to monitor candidates through the front camera of their respective systems, the AI proctor is one of true finesse.

- **Trained to detect suspicious behaviour**
- **Trained to detect people other than the test taker**

These are merely highlights, or rather – the tip of the iceberg. The records of responses, time logs and results are also stored in a secure server for future review, ensuring perfect auditability.

One story of success could refer to one of India’s largest universities – one of note, and their effort to consistently stay ahead of the competition with online assessments. In a partnership with Mettl, here are some stats worth sharing:

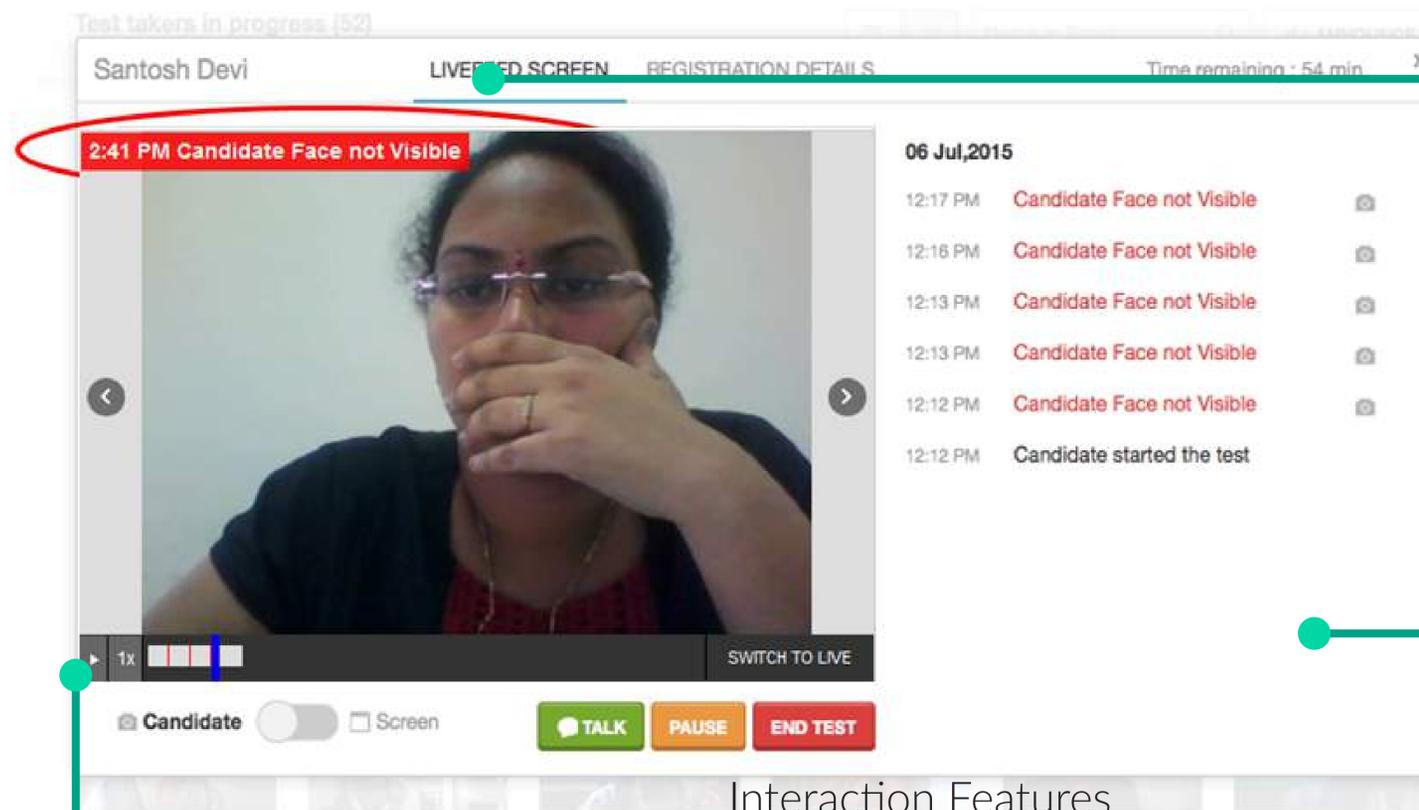
<u>NUMBER OF CANDIDATES</u>	<u>COST INCURRED (OF INITIAL)</u>	<u>TIME TAKEN (OF INITIAL)</u>
<b>300</b>	<b>0.1</b>	<b>0.01</b>



Intelligent Proctoring Mechanism

# A Look at Our Proctoring Dashboard

## Just to Help Convince You



Auto Alerts

**Automatically generated invigilation warnings based on candidate behavior, image and audio processing.**

Audit Trail

**Fully auditable warning transcript.**

Interaction Features

Test Progress Bar

**Admin can view the candidate invigilation data after the test.**

**Chat with the candidate, including the ability to pause or terminate the test.**

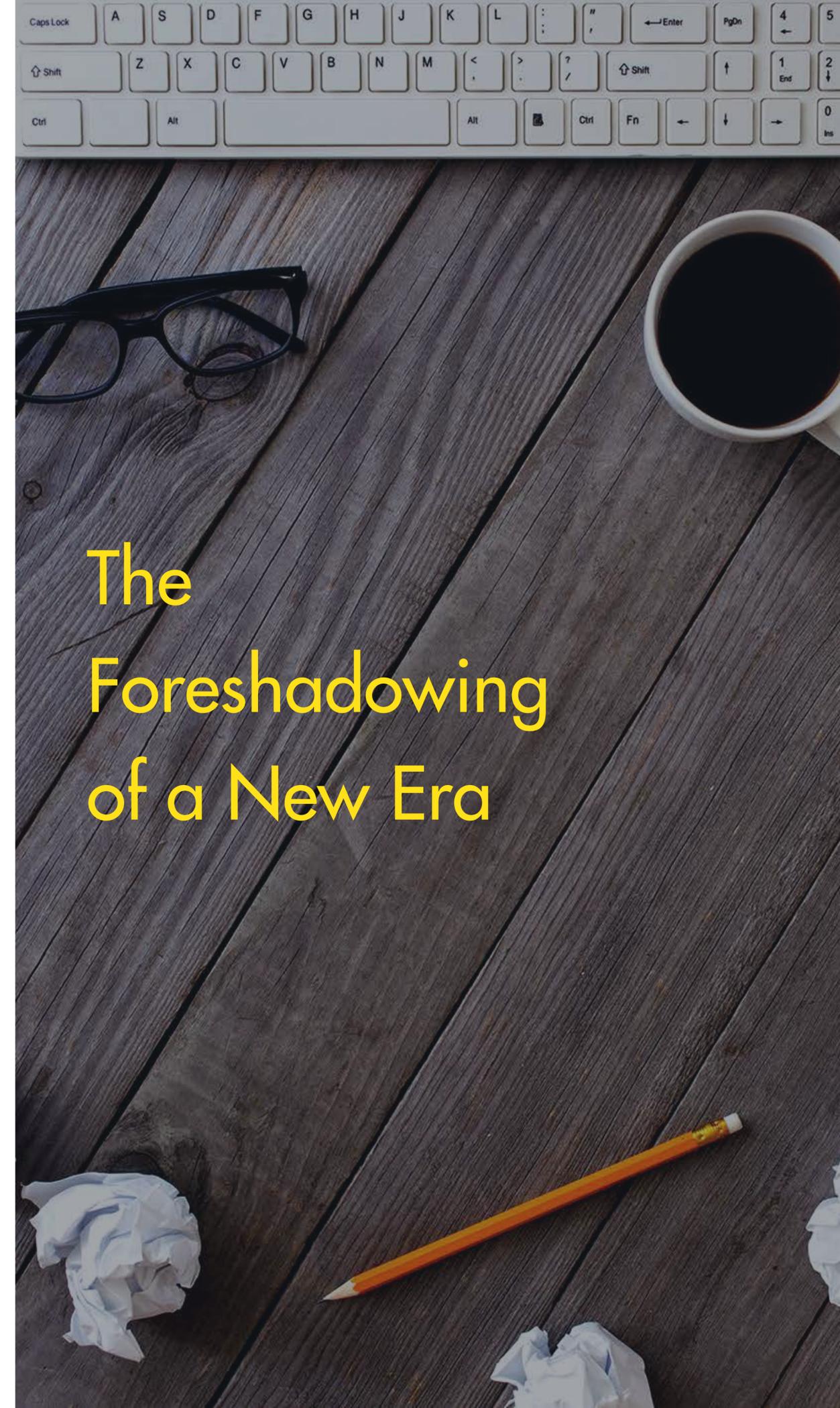
British journalist Graeme Paton, Education Editor of the Daily Telegraph, claimed the end of the traditional form of assessments in a 2013 article titled, "Pen and Paper exams to be axed within a decade". One of the primary reasons suggested was that we were amid a dramatic shift towards online assessments.

Despite the bold claim however, the question why continues to echo throughout the globe. In part, because of certain reluctance to move away from a method of comfort, and in part - rigidity to accept something beyond the tried and tested.

But isn't **why not** a better question?

It is reasonable to expect pupils to be tested via the use of computers by 2023 because of growing dissatisfaction with Victorian methods of examining and marking, after all. [\[1\]](#)

David Hanson, Chief Executive of the Independent Association of Prep Schools, advocated the same, citing that the education system would be forced to undergo major changes as a new generation of teachers enter the classroom. These are teachers who have grown and aged surrounded by technology.



# The Foreshadowing of a New Era



Market Spread for  
Online Assessments  
**\$40 Billion** By 2017

Much of India has certainly understood this, with the online education market size within the sub-continent expected to grow to \$40 Billion by 2017. In fact, we are currently pegged at \$3 Billion, second only to the United States of America. [\[2\]](#)

Take the Indian Institute of Management in their effort to take CAT online - a story of success. Even the renowned Birla Institute of Technology attempted a transition with their entrance exams in 2002 for a couple of their Masters Programs. In a matter of a few years, the same institute now completely operates their admission assessments online.

**Other Cases:**

- University of Delhi; 2009
- Indian Railways Recruitment Exam; 2015

In fact, a survey conducted by one of the Big 4 Consultancy groups cite at least 75% of Vice Chancellors as firm believers of online assessments as the future of tertiary education. At the same time, 50% of the universities in the survey mentioned an effort to shift within 12-36 months from traditional assessments.

**- Data from 75 varsities and institutes in the country.**



# Advocates of the Cause

## Here's to The Future

Needless to say, we aren't the only supporters of the shift to an online platform. It is, but inevitable. Would you rather ride the seismic wave, or drown while others row ahead? It is a matter of two options, and a chance – a chance for change, a chance to become better.

Here are the other advocates of the cause:

“

*Eventually, the paper-pencil test will become redundant as computer based assessments is more transparent, hassle-free and scalable.*

**- G. Raghurama, Director at BITS Pilani**

“

*The increased penetration of computers and internet access will speed the acceptance of online testing.*

**- Smarajit Dey, President of Strategic Initiatives, NIIT**

# References

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## What is Mettl?

Mettl is a SaaS based assessment platform that enables organizations to create customized assessments for use across the entire employee lifecycle, beginning with pre-hiring screening and candidate skills assessment, training and development programs for employees/students, certification exams, contests and more.

[TAKE A FREE TRIAL](#)



[contact@mettl.com](mailto:contact@mettl.com)



Plot 97, Sector 44, Gurgaon,  
Haryana, India - 122003



+91-9555114444