

ADINET e-News Digest

No. 30

March 2017

Contents	Page no.
PATHWAYS TO HAPPINESS	3
Bookmark the web	3
Amazon offers to scrap e-book clauses to settle EU antitrust probe	3
How to Back Up Data from a Computer that won't start	4
New software makes English learning easy for schoolkids	4
Mumbai University to evaluate answer books online from next exams	4
Google Cloud Print: How to connect to a printer via your smartphone	4
Centre reiterates autonomy plan for more edu institutes	5
Open access: The sorry state of Indian repositories	5
Certification may soon be must for teachers	5
Disruptive Technologies. Work in an automated future	6
A platform for delivering content and learning	6
Study: Librarians on Information Literacy	6
Harvard U, MIT Release Updated MOOC Report	7
Study Suggest: 60% children like reading for fun	7
Why Libraries Matter More Than Ever in the Age of Alternative Facts	7
One step towards a better world	7
Faster than 5G Data Speed Is Incoming Very Soon, Thanks to Terahertz Transmission Band	7
Next-generation computers will be hack-proof	8
Tips for hybrid learners	8
'Blind Date with a Book' @ Brilliant Concept	8

Now, access images of U.S. art museum for free @ Metropolitan Museum of Art's ;Artwork free to download website, no permission required	8
UGC asks varsities to review curriculum	9
Instilling leadership skills in schoolchildren @ Indian Development Foundation (IDF) Initiative	9
Standard of Higher Educational Institutes @ Ministry of Human Resource Development	9
One book, one city: NYC creating biggest reading club	9
Communication Aid	9
What can teachers do to discipline the students?	9
Sounds like audio cassettes are back	10
Sowing the seeds of learning	10
UGC to lose financial autonomy @ Higher Education Financing Agency (HEFA)	10
Reducing regulatory cholesterol in education	10
'India's public libraries undergoing revolutionary change'	10
I&B Minister releases Annual Reference India/Bharat 2017 @ E-Book	10
Re-imagining the automation disruption @ Fourth Industrial Revolution	11
A more democratic learning. Higher education can be made easier and cheaper without diluting content. New beginnings are being made in this direction	11
Want to crack a competitive exam? Visit J&K govt libraries	11
Report - Price and Cost of Distance Education	11
How can you stay current in your field when work, jobs, and even professions are constantly changing? - Personal Knowledge Management (PKM)	11
How to DECLUTTER AND ORGANISE YOUR PC	12
NMC Horizon Report: 2017 Higher Education Edition	12
Kids & Family Reading Report 6th Edition @ Report reiterates reading importance	12
World's First Tablet for the Blind to be Showcased at CES 2017	12
EIT Digital is a leading European open innovation organisation	13

PATHWAYS TO HAPPINESS

Our happiness depends on our thoughts. It is an accepted fact that thoughts have a major impact on our lives. It is rightly said that we are what we think.

We live in a vibrational universe where everything at its most basic level is made up of energy, vibrating at different frequencies. Just like everything else, we humans also vibrate & emit a frequency. The Law of Attraction states that whatever energy we emit - that is sent out, the universe responds by giving us more of the same energy. So we get back what we put out always. This is a law & there is no exception to this rule. Now where does this energy come from?

Our thoughts, feelings & emotions emit or give out this energy. Every thought that we have has a frequency that is sent out to the universe.

Thoughts not only have immense energy, they are magnetic in nature. Each thought has a specific frequency, depending upon the nature of the thoughts.

Since our thoughts are magnetic, we attract everything located on the same frequency as that of our thoughts. In other words, the magnetic signals which our thoughts emit draws a similar frequency back to us. If the energy emitted by our thoughts is attracting what we get back, then we need to make sure that we think about the things that we want & not what we don't want. So by being aware & clear of our thoughts, we can make a big difference in what we attract. Therefore this is really important as it helps us to attract what we desire.

However to be aware of the sixty thousand thoughts we get in one day & to

control them is almost impossible. So the easiest way to be aware of our thoughts is through our feelings, since thoughts create our feelings.

We need to ask ourselves the following:-

1. How aware are we of our thoughts?
2. What do we constantly think about, what we want or what we don't want?
3. Are we letting our thoughts create our lives?
4. Are the thoughts we think aligned (that is does it match) with what we truly desire?

Everything is energy and that's all there is to it. Match the frequency of the reality you want and you cannot help but get that reality. It can be no other way.

This is not philosophy. This is physics.---
Albert Einstein

Bookmark the web

There are much smarter ways of bookmarking links

There are many different ways to bookmark the Web. You could, if you are thusly inclined, just right down URLs in a little notebook. You could also simply bookmark Websites on a text file somewhere on your desktop. Or even the bookmarking function on your favourite Web browser can do this job for you.

Link | <http://pralhad-fyilibrarian.blogspot.in/2017/01/bookmark-web.html>

Amazon offers to scrap e-book clauses to settle EU antitrust probe

U.S. online retailer Amazon (AMZN.O) has offered to alter its e-book contracts with publishers in a bid to end an EU antitrust probe and stave off a possible fine, the European Commission said on Tuesday.

Amazon, the biggest e-book distributor in Europe, proposed to drop some clauses in its contracts so publishers will not be forced to give it terms as good as those for rivals, the Commission said.

Such clauses relate to business models, release dates, catalogs of e-books, features of e-books, promotions, agency prices, agency commissions and wholesale prices.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/amazon-offers-to-scrap-e-book-clauses.html>

How to Back Up Data from a Computer that won't start

Do you get a momentary anxiety attack when your PC suddenly won't boot? It's worse when you have a ton of data saved on the machine the feeling that all your files are dead and gone forever.

We show you how to recover from such a shock.

Link | [How to Back Up Data from a Computer that won't start](#)

How to Back Up Data from a Computer that won't start. New software makes English learning easy for schoolkids

Right to Reading initiative being implemented in govt-run schools across eight states in the country

The Right to Reading (RTR) initiative across eight states has revolutionised the way English is being taught for nearly one million children in government-funded schools. These states include Maharashtra, Gujarat, Andhra Pradesh, Rajasthan, Punjab, Haryana, Delhi and West Bengal. In 2014, RTR was implemented as a pilot project in the Aurangabad, Jalna and Beed districts of Maharashtra. Seeing its enormous

popularity with the schoolchildren, the programme was subsequently extended to other parts of the country as well.

Link | [New software makes English learning easy for schoolkids](#)

New software makes English learning easy for schoolkids. Mumbai University to evaluate answer books online from next exams

Every semester, MU conducts as many as 402 examinations, estimating over 19.5 lakh answer booklets, which are then manually evaluated by examiners, followed by moderators.

Aiming to go digital, Mumbai University is all set to introduce an online exam-paper assessment project for all the faculties. Starting from the next exam season, which will commence from April 2017, the university will scan and evaluate over 19.5 lakh answer books online. MU officials claim that the project will prevent delay in declaring results, an issue that has been plaguing the university for over a decade. The Maharashtra University Act 1994 mandates that results be declared within 45 days from the end of exams.

Link | [Mumbai University to evaluate answer books online from next exams](#)

Mumbai University to evaluate answer books online from next exams.

Google Cloud Print: How to connect to a printer via your smartphone

Imagine opening a PDF on your phone, and a few taps later it gets printed from your friend's inkjet. Using Google Cloud Print, you can connect from virtually any device (even a smartphone or tablet) to any printer. While there are several printers available today that are Google Cloud Print ready, you can even use a

classic printer connected directly to a computer. Here's how

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/google-cloud-print-how-to-connect-to.html>

Centre reiterates autonomy plan for more edu institutes

After IIMs get power to award degrees, govt encourages other institutes to grab the opportunity

A day after the Union Cabinet gave a nod to the Bill granting complete autonomy to Indian Institutes of Management (IIMs), Human Resource Development (HRD) Minister Prakash Javadekar hinted that the government plans to give autonomy to more institutes in the future, completely ending government interference in educational institutes that perform well.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/centre-reiterates-autonomy-plan-for.html>

Open access: The sorry state of Indian repositories

India may not have a national open access policy in place, but the Council of Scientific & Industrial Research (CSIR), The Indian Council of Agricultural Research (ICAR), The Department of Science & Technology (DST), the Department of Biotechnology (DBT), The University Grants Commission (UGC) have open access policies that clearly mandate researchers to deposit their papers in institutional repositories. National institutes such as the IITs and IISc, too, have repositories and similar mandates.

Yet, of the 69 Indian repositories listed in the Directory of Open Access Repositories (DOAR) and Registry of Open Access

Repositories (ROAR), only 12 added “at least one item during a month” during the period July 2015 to June 2016. Seventeen repositories did not add even a single item during the course of the year of study, while 40 were “irregular” in adding items to the repositories, says a correspondence published in Current Science.

Worse, some of them are not repositories in the strict sense — they do not host research papers, pre-prints or post-prints. Instead, they have theses, dissertations, book chapters, patents, annual reports, technical reports and research proposals to name a few.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/open-access-sorry-state-of-indian.html>

Certification may soon be must for teachers

Concerned over the poor quality of teaching institutes and colleges that are producing “sub-standard” teachers, the Centre is planning to put in place a mandatory accreditation and certification process for such schools.

To ensure compliance, the Centre is likely to make certification mandatory for graduates applying to government teaching jobs, sources said. Last year, while reviewing the education sector, Prime Minister Narendra Modi had said that the Human Resource Development (HRD) ministry should issue a mandate to states to recruit teachers every year from accredited and certified teacher training institutes only.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/certification-may-soon-be-must-for.html>

Disruptive Technologies. Work in an automated future At this point, we can be certain that the fourth Industrial

Revolution will have a disruptive impact on employment

Disruptive technologies are now dictating our future, as new innovations increasingly blur the lines between physical, digital and biological realms. Robots are already in our operating rooms and fast-food restaurants; we can now use 3D imaging and stem-cell extraction to grow human bones from a patient's own cells; and 3D printing is creating a circular economy in which we can use and then reuse raw materials.

This tsunami of technological innovation will continue to change profoundly how we live and work, and how our societies operate. In what is now called the fourth Industrial Revolution, technologies that are coming of age—including robotics, nanotechnology, virtual reality, 3D printing, the Internet of Things, artificial intelligence, and advanced biology—will converge. And as these technologies continue to be developed and widely adopted, they will bring about radical shifts in all disciplines, industries and economies, and in the way that individuals, companies and societies produce, distribute, consume and dispose of goods and services.

These developments have provoked anxious questions about what role humans will play in a technology-driven world. A 2013 University of Oxford study estimates that close to half of all jobs in the US could be lost to automation over the next two decades. On the other hand, economists such as Boston University's James Bessen argue that automation often goes hand in hand with the creation of new jobs. So which is it—new jobs or massive structural unemployment?

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/work-in-automated-future.html>

A platform for delivering content and learning

There are plenty of content out there for learning — be it for a schoolchildren or working professionals. But, content needs a platform that can integrate scientific, modern learning principles (like micro-learning or bite-sized learning, social learning and gamification), in a mobile-ready format and facilitates live interaction and is not only a library of videos.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/01/a-platform-for-delivering-content-and.html>

Study: Librarians on Information Literacy

Only about one-quarter of librarians say their libraries support information literacy instruction, even though virtually all of them believe it has a positive impact on graduation rates and success in the work force, a new study by the library-service provider ProQuest found. The 217 high school and college librarians surveyed also said they aren't sure if library visitors understand the importance of being able to find, analyse and incorporate information -- only 21.2 percent of the respondents said so, compared to the 34.1 percent who disagreed. While most of the surveyed librarians (90.8 percent) said they teach information literacy skills through one-on-one sessions with visitors, many librarians (42.4 percent) said they lack a way of assessing visitors' level of information literacy.

Link | <http://media2.proquest.com/documents/surveyresults-informationliteracy-2016.pdf>

Harvard U, MIT Release Updated MOOC Report

Researchers at Harvard University and the Massachusetts Institute of Technology on Thursday released the latest version of an ongoing [study](#) to analyze the learners in massive open online courses on edX, which the two institutions founded. The study was first released in 2014. The 2017 version contains information about the 4.5 million learners who have participated in edX MOOCs since 2012. Findings include:

Participation in edX MOOCs has leveled off since the platform discontinued an option for learners to earn a free certificate of completion. About one-third (32 percent) of the people who participate in edX MOOCs work or used to work as teachers.

- More than half (60 percent) of learners in the average MOOC opt for paid certificate.
- The average MOOC learner spends 29 hours with the courseware before earning a certificate.

Link | https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2889436&download=yes

Why Libraries Matter More Than Ever in the Age of Alternative Facts “Having information matters; having the right information matters more.” - Lee Franklin

Television show called The Library. Think about the cast of characters; on the one hand you have “the librarians” — some of whom are the most resourceful, socially awkward, creative people you are likely to meet. Then you have a wide-range of “regulars” — people who reflect the ways in which libraries have become the ad hoc

container for many of our country’s gaps in social services.

Link | <http://pralhad-fylibrarian.blogspot.in/2017/02/why-libraries-matter-more-than-ever-in.html>

One step towards a better world

A recent report on technology use in education in India highlights many delightful cases of how a motivated teacher can make all the difference

Link | <http://pralhad-fylibrarian.blogspot.in/2017/02/one-step-towards-better-world.html>

Faster than 5G Data Speed Is Incoming Very Soon, Thanks to Terahertz Transmission Band.

Terahertz Transmitter Sends Wireless Data 10 Times Faster Than 5G, Will Boost In-Flight Internet

Japanese researchers have successfully gone past 5G data speeds to reach terahertz (THz) data transmission speeds that are 10 times faster than 5G -- which is undergoing trials right now.

Where 4G LTE speeds peak out at 50 Mbps in most parts of the world, including in India, 5G data speeds have easily reached over 3 Gbps to 50 Gbps in trials conducted around the world before it launches globally in 2020. In fact, last year some trials in Japan actually saw 5G researchers blast past 100 Gbps wireless data transfer speeds. But this terahertz technology allows researchers to unlock a whole new level of data transmission speed at scale.

The research group developed a transmitter that achieves 105 gigabits per second throughput between 290 GHz to 315 GHz frequency range. Japanese researchers from Hiroshima University

spoke very enthusiastically about this new breakthrough, according to research scheduled to be presented at the International Solid-State Circuits Conference (ISSCC) 2017 being held from February 5-9 in San Francisco, California.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/faster-than-5g-data-speed-is-incoming.html>

Next-generation computers will be hack-proof

Scientists have built the first high-dimensional quantum cloning machine that can intercept a secure message, an advance that will help uncover clues to protect next-generation computers from hacking attacks.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/next-generation-computers-will-be-hack.html>

Tips for hybrid learners

Hybrid or 'blended' learning is growing in popularity and for good reason. It combines the best of in-class and online learning and as a result, requires a unique combination of skills in order to be successful.

Here are some tips on how to succeed in a hybrid course:

- ☑ Don't slack off
- ☑ Attend in-class sessions
- ☑ Actively participate in online discussions
- ☑ As an incentive, many instructors attach a mark to participation in online discussions
- ☑ Ask questions sooner rather than later

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/tips-for-hybrid-learners.html>

'Blind Date with a Book' @ Brilliant Concept

During February, the librarians at the Detroit Lakes Public Library will play matchmaker — creating connections between their customers and books they ordinarily wouldn't think to read by setting up a "Blind Date with a Book."

From Feb. 1-16, customers are invited to visit the library to check out a wrapped book, without knowing its title. After reading, they can "rate their date" to be eligible for a prize drawing.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/blind-date-with-book-brilliant-concept.html>

Now, access images of U.S. art museum for free @ Metropolitan Museum of Art's. Artwork free to download website, no permission required

All images of public-domain artworks in the Metropolitan Museum of Art's collection — about 3,75,000 — are now free for anyone to use however they may please. The museum announced on Tuesday that it had changed its open-access policy to allow free, unrestricted use of any images of artworks in the public domain, using the license designation Creative Commons Zero, known as CC0.

For example, El Greco's "The Vision of Saint John" (1609-14) is free to download in high resolution from the Met's website, no permission required.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/now-access-images-of-us-art-museum-for.html>

UGC asks varsities to review curriculum

NEW DELHI: Curriculum of universities might soon undergo a change. All the universities across the country have been asked to review their curriculum in a bid to make students passing out more employable.

In a communication sent to all the universities and their affiliated colleges by UGC on Wednesday they have been asked to urgently bridge the gap between the skill sets of the students and the jobs available in the market.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/ugc-asks-varsities-to-review-curriculum.html>

Instilling leadership skills in schoolchildren @ Indian Development Foundation (IDF) Initiative

A new initiative by non-profit trust the Indian Development Foundation (IDF) aims at training municipal school children in leadership, communication and personality development.

The Student Leadership Programme (SLP), piloted in 2014 and currently in its third year, has spread to 30 municipal schools in Andheri, Malad, Goregaon, Borivali, Ghatkopar and Vashi, says IDF CEO Narayan Iyer.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/instilling-leadership-skills-in.html>

Standard of Higher Educational Institutes @ Ministry of Human Resource Development

Improvement of standards of higher education and upgradation of infrastructure is an on-going endeavour and the Central Government has been making a constant effort in this direction.

The Central Government has launched several new initiatives viz. National Institutional Ranking Framework (NIRF), Impacting Research Innovation & Technology (IMPRINT), Uchchar Avishkar Yojna (UAY), Global Initiative of Academic Networks (GIAN) & Global Research Interactive Network (GRIN) in the field of education for the qualitative development of education in the country.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/standard-of-higher-educational.html>

One book, one city: NYC creating biggest reading club

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/one-book-one-city-nyc-creating-biggest.html>

Communication Aid

A group of students at IIT-Bombay recently developed an app that helps children with cerebral palsy, autism and Down syndrome communicate

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/communication-aid-group-of-students-at.html>

What can teachers do to discipline the students? A quick look at the ways schools can make the campus happy and favourable for students

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/what-can-teachers-do-to-discipline.html>

Sounds like audio cassettes are back The audio cassette, which was once considered obsolete, is still alive and will survive until rest of our lives

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/sounds-like-audio-cassettes-are-back.html>

Sowing the seeds of learning

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/sowing-seeds-of-learning.html>

UGC to lose financial autonomy @ Higher Education Financing Agency (HEFA)

Just a week after Human Resources Development Minister Prakash Javadekar talked of mega reforms to give more autonomy to the institutions of higher education, his ministry has quietly moved to usurp the financial autonomy enjoyed by the University Grants Commission (UGC) since its inception four decades ago as India's higher education watchdog.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/ugc-to-lose-financial-autonomy-higher.html>

Reducing regulatory cholesterol in education The traditional system is past its expiry date and needs complementing with a hybrid, flexible model

This shift needs bold changes to the current regulatory regimes in education. These insights suggest five policy actions:

- ☐ Shift the focus of school education from enrolment to learning outcomes,
- ☐ retain the rigour of testing in our schools but create a focus on soft skills,
- ☐ lift the ban on online higher education by Indian universities so students can learn before migration,
- ☐ enable new connectivity between skills and higher education,
- ☐ catalyse education innovation by separating the roles of policymaker, regulator and service provider.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/reducin-g-regulatory-cholesterol-in.html>

'India's public libraries undergoing revolutionary change'

Images of ill-maintained public libraries -- laden with dust and poor-infrastructure, barely prompting a second visit -- is undergoing a complete makeover thanks to the government's ambitious National Mission on Libraries.

More significantly, state-of-the-art facilities combining the latest internet technologies are being plugged in to attract the younger generation.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/indias-public-libraries-undergoing.html>

I&B Minister releases Annual Reference India/Bharat 2017 @ E-Book

The Minister while releasing the electronic version of the Annual India Year Book, said that the e-version provided latest technical features and conformed to the best international standards. The e-book had a variety of reader-friendly features like searchable content, referencing, and was priced at 25% less than the print books. He added that taking forward the Governments digital push, the Publications Division has converted over 750 books into digital format, and is poised to meet the 12th Plan Scheme target of digitizing 1000 books by end of March 2017. The Minister also launched the Online Digital Library created by Publications Division which has a repository of over 750 books, with a wide range of titles that was available for free browsing to visitors at DPD Book Gallery.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/i-minister-releases-annual-reference.html>

Re-imagining the automation disruption @ Fourth Industrial Revolution

The future will be tamed by those who are able to unlearn quickly, pick up new skills and collaborate effectively, as turnaround

times reduce dramatically and go-to-market gets quicker. It's called the Fourth Industrial Revolution. Curiously, rapid developments happening in fields previously thought to be disjointed are now amplifying each other.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/re-imagining-automation-disruption.html>

A more democratic learning. Higher education can be made easier and cheaper without diluting content. New beginnings are being made in this direction

Digital learning is here. The number of online courses are exploding. Many of the most famous scholars across fields are being lured by the promise of being able to reach a global audience to record Massive Open Online Courses or MOOCs. In 2015, there were 35 million learners taking online classes from 570 universities.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/a-more-democratic-learning.html>

Want to crack a competitive exam? Visit J&K govt libraries

About 100 IIT toppers of the country have put together study material for quality online coaching

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/want-to-crack-competitive-exam-visit-j.html>

Report - Price and Cost of Distance Education

In talking to legislators, administrators, faculty, students, and the public in general, WCET identified a need to better understand the economics of distance education courses. What do we charge students (the "price")? How much does

the institution spend to create the course (the "cost")?

WCET [last conducted research](#) on this topic in the spring of 2012. In 2016, we surveyed institutional personnel, interviewed experts, and followed the political ramifications in one state. Some of our findings:

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/report-price-and-cost-of-distance.html>

How can you stay current in your field when work, jobs, and even professions are constantly changing? - Personal Knowledge Management (PKM)

Harold Jarcho talks about the importance of human connections, of networking and of supporting people in order to develop your skills and future employability.

We all know the only constant is change. We are seeing that in our politics, our businesses, our climate... technology, relationships, industry sectors and so much more. In a world where everything is evolving and jobs that weren't even invented ten years ago are recruiting, how can you possibly be ready for the rest of your career?

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/how-can-you-stay-current-in-your-field.html>

How to DECLUTTER AND ORGANISE YOUR PC

Almost every machine nowadays comes with a 500GB to 1TB hard drive. And more often than not, most of us do not delete the unnecessary files and folders on our computers till our operating system informs us of low disk space, or simply slows down because of all the clutter. Now, out of habit, we first delete files that have a larger footprint. However, large

files aren't always the culprit. It is the build up of browser cache and history items, identical photos, as well as duplicate files and folders on the hard drive that are the real problem.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/how-to-declutter-and-organise-your-pc.html>

NMC Horizon Report: 2017 Higher Education Edition

This NMC Horizon Report series charts the five-year impact of innovative practices and technologies for higher education across the globe. With more than 15 years of research and publications, the NMC Horizon Project can be regarded as education's longest-running exploration of emerging technology trends and uptake. Six key trends, six significant challenges, and six developments in educational technology profiled in this report are poised to impact teaching, learning, and creative inquiry in higher education. The three sections of this report constitute a reference and technology planning guide for educators, higher education leaders, administrators, policymakers, and technologists. These top **10 highlights** capture the big picture themes of educational change that underpin the 18 topics:

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/nmc-horizon-report-2017-higher.html>

Kids & Family Reading Report 6th Edition @ Report reiterates reading importance

One of the most important things parents can do, beyond keeping kids healthy and safe, is to read with them.

That means starting when they are newborns and not even able to talk, and continuing well beyond the years that they can read by themselves. Study after

study shows that early reading with children helps them learn to speak, interact, bond with parents and read early themselves, and reading with kids who already know how to read helps them feel close to caretakers, understand the world around them and be empathetic citizens of the world.

Link | <http://pralhad-fyibrarian.blogspot.in/2017/02/kids-family-reading-report-6th-edition.html>

World's First Tablet for the Blind to be Showcased at CES 2017

Austrian startup Blitlab technology will present one of Europe's most disruptive innovations at CES 2017. The Austrian company produces the world's first "iPad for the blind." (PRWEB UK) January 2017

Austrian startup and EIT Digital Challenge winner [Blitab Technology](#) was one of the biggest European disruptive innovations presented at CES 2017, the global consumer electronics tradeshow which took place in Las Vegas in January.

BLITAB developed the first tablet device that creates tactile Braille and graphics for blind and visually impaired people. To produce tactile Braille the tablet uses smart micro fluids to develop small physical bubbles instead of a screen display.

Blitab Technology recently took first place in the Digital Wellbeing category of the [2016 EIT Digital Challenge](#), and aims to improve the social wellbeing and digital inclusion of people who may have had difficulty accessing the digital world until now.

"BLITAB is a great example for how creative design and high-tech innovation can improve social change and enhance

the digital wellbeing of blind people. At CES we're looking forward to meeting potential customers. We have big plans for our technology," says Kristina Tsvetanova, founder of BLITAB Technology.

EIT Digital itself will also be attending the conference and will be showcasing two of its own initiatives Fit to Perform and Life-Time Awareness alongside one of EIT Digital's supported startups, Origone, a cyber security scaleup that recently joined the EIT Digital Accelerator:

- [Fit to Perform](#), an EIT Digital innovation activity has developed a wearable that tackles health risks for professional truck drivers by monitoring drivers' vital signs. By informing both drivers and haulage companies on safe driving limits it aims to increase road safety and improve profit margins for the transportation sector.
- Life-Time Awareness is an EIT Digital innovation activity developed an application embedded in battery-powered devices to estimate their remaining lifetime accurately. It led to the creation of a startup called [Wisebatt](#), founded by EIT Digital Doctor School graduate Wilfried Dron. It addresses OEMs, hardware and software designers, and support services providers.
- [Origone](#)'s software provides large corporates and SMEs with comprehensive protection against ever-changing email malware threats, such as 'phishing' and Trojan Horses,

that can cause havoc at organizations.

EIT Digital is a leading European open innovation organisation

Our mission is to foster digital technology innovation and entrepreneurial talent for economic growth and quality of life in Europe. We bring together entrepreneurs from a partnership of over 130 top European corporations, SMEs, start-ups, universities and research institutes.

EIT Digital invests in strategic areas to accelerate the market uptake of research-based digital technologies and to bring entrepreneurial talent and leadership to Europe. Our innovation and education activities are organised in and around our co-location centres, where students, researchers, engineers, business developers and entrepreneurs come together to drive the digitalisation of society.

EIT Digital is a Knowledge and Innovation Community of the European Institute of Innovation and Technology (EIT). Since 2010, EIT Digital is consistently mobilising talents, ideas, technologies, investments and business across Europe and beyond to stimulate disruptive digital innovation. The headquarter is in Brussels with co-location centres in Berlin, Budapest, Eindhoven, London, Helsinki, Madrid, Paris, Stockholm, Trento, as well as a hub in Silicon Valley.

Source | <http://www.benzinga.com/press/releases/17/01/p8862507/worlds-first-tablet-for-the-blind-to-be-showcased-at-ces-2017>

Information for this issue has been provided by Mr. Pralhad Jadhav, Senior Librarian, Khaitan & Co. Mumbai

=====

