ADINET e-News Digest

No. 47 & 48   Aug-Sept- 2018

CONTENTS	Page No.
PAUSE & PONDER	**2**
Pope Francis has written beautifully about the family.	**2**
American Literature @ One of the Important Resource available in literature domain	**2**
Copyright Practice and Procedure Literary Manual 2018	**2**
Gboard Morse code @ Important features for disabled friendly	**3**
Free Digital Textbooks vs. Purchased Commercial Textbooks @ Study reveals which one is better	**3**
e-Learning Centers @ sponsored	**3**
Digital Platforms - to impart quality education to the large quantity of students @ MHRD Supported	**3**
Dying Languages @ StoryWeaver brings to life through technology and children's stories	**3**
Skill Report @ Techies now need to "Multi-Skill", move over from re-skilling & upskilling	**4**
The Best Places to Find Free Audiobooks (Legally)	**5**
e-Aksharayan Tool @ an optical character recognition (OCR) engine for seven Indian languages	**6**
Facebook @ Digital Literacy Library	**6**
By Kids, For Kids: This Amazing Plan Will Arrange 50,000 Books for Odisha's Schools	**6**
Top Online Backup Services @ good way to ensure that you don't accidentally lose access to important files	**8**
UK Universities Group Calls for New Post-study Visa to Attract Indian Students	**9**
1st Blockchain library In India is a major attraction for the technology community @ Free Library Access	**9**
Can you read at superhuman speeds?	**10**
IIT Bombay Organizes a Unique One Day Workshop on 2nd October 2018 @ Students will learn to make Solar Study Lamp	**10**

PAUSE & PONDER

Pope Francis has written beautifully about the family.

There is no perfect family. We do not have perfect parents, we are not perfect, we do not marry a perfect person or have perfect children. We have complaints from each other. We disappoint each other. So there is no healthy marriage or healthy family without the exercise of forgiveness.

Forgiveness is vital to our emotional health and spiritual survival.

Without forgiveness the family becomes an arena of conflict and a stronghold of hurt.

Without forgiveness, the family becomes ill. Forgiveness is the **Sepsis of the Soul**, the cleansing of the mind and the liberation of the heart. Whoever does not forgive does not have peace in the soul nor communion with God.

Hurt is poison that intoxicates and kills. Keeping heartache in the heart is a self-destructive gesture. It's autophagy.

Those who do not forgive are physically, emotionally and spiritually ill.

That is why the family must be a place of life, not of death; Territory of cure and not of illness; Stage of forgiveness **and not** guilt.

Forgiveness brings joy where sorrow has produced sadness; Healing, where sorrow has caused disease.

- Pope Francisco

You can't fight hate with hate: You can only fight it with LOVE

 (quote from late Dr. Wayne Dyer)

American Literature @ One of the Important Resource available in literature domain

The website is home to 100 of the best short stories and you will also find sections dedicated to stories for children, poetry and novels.

You can browse all of these by the author's name, complete with a brief biography and story list, and you even get a story of the day. **The resource** even includes teaching resources for educators that can be used in classrooms, while helping you brush up on your own liking for good literature.

For more information you access @ https://pralhad-fyilibrarian.blogspot.com/2018/07/american-literature-one-of-important.html

Copyright Practice and Procedure Literary Manual 2018

The copyright office had prepared guidelines for examination of copyright application in different categories of works, viz literary, artistic, musical, cinematograph film and sound recording works.

The manual reflects the general practices and procedures for registration of literary works.

It explains the process for examination of literary work application(s), documentation of ownership; provides guidelines on how to identify the originality of authorship, copyrightable subject matter and discusses the grounds on which a discrepancy letter may be issued.

This document does not cover every principle of copyright law, the practice and procedure set forth in the document do not in themselves have the force and effect of law.

Access to Literary Manual http://copyright.gov.in/Documents/manual/LITERARY MANUAL.pdf

Gboard Morse code @ Important features for disabled friendly

Morse code as an input method in Gboard, it is developed for both the application that is Android & iOS

This new feature by Google will help those with disabilities in typing.

Developing such type of communication tools is important because, for many people, it simply makes life livable, after all, they are also an important part of society

Full info | http://103.241.136.50/epaper/AA/MUM/510X798/2018-07-16b images/MUM 2018-07-16 tabp27_7.jpg

Free Digital Textbooks vs. Purchased Commercial Textbooks @ Study reveals which one is better

Open educational resources have saved students millions of dollars, but can they also improve students' grades?

Open Education Resources (OER) play a significant role in Education domain, Inclusive access programme and OER are often delivered digitally, OER is openly licensed, students have the option of printing their own materials at home or downloading materials to view off-line.

This adaptability is why the open aspect of OER is so important.

Study Published @ The Impact of Open educational resources on various Student Success Metric (http://www.isetl.org/ijtlhe/pdf//IJTLHE3386.pdf)

e-Learning Centers @ sponsored

Pratt & Whitney has declared the opening of two e-learning centers in Hyderabad and Visakhapatnam, they are also planning 25 more such centers by the year-end.

According to David Carter, Senior Vice President, Engineering, Pratt & Whitney. "These e-learning centres have grown to be an incredibly impactful educational resource for students, and we look forward to supporting the next generation of scientists, engineers

More Info @ http://www.thehindubusinessline.com/companies/pratt-whitney-opens-two-sponsored-elearning-centers/article24432760.ece

Digital Platforms - to impart quality education to the large quantity of students @ MHRD Supported

MHRD had introduced some of the best online course and most of the course are made by India's most prestigious university teacher & professors.

It aims to ensure that education as a fundamental right is given to everyone be it of any socio-economic background, caste or religion.

More Info | https://www.theindianwire.com/education/mhrd-supported-digital-platforms-65326/

Dying Languages @ StoryWeaver brings to life through technology and children's stories

StoryWeaver, an initiative of not-for-profit organisation Pratham Books, is using technology and children's stories to popularise reading in the mother tongue, and to preserve dying languages in India and globally.

Link | https://www.thehindubusinessline.com/news/storyweaver-brings-to-life-dying-languages-through-technology-and-childrens-stories/article24505598.ece

Skill Report @ Techies now need to "Multi-Skill", move over from re-skilling & upskilling

The most coveted tech skills today may not be relevant five years from now, says a skill report released by Edureka, the e-learning platform. While the importance of re-skilling has been stressed enough, skilling with the right technologies and with more than one technology, is as important as re-skilling itself, according to the report.

More importantly, the report states that continuous re-skilling is not an option anymore, but a necessity in today's volatile job market and IT professionals need to invest in learning new skills 15-20 times to achieve career growth. These are the key findings of 'The fastest growing tech skills 2018', a report released today by Edureka.

KEY REPORT FINDINGS:

- Professionals with 10-15 years of experience are driving demand for online courses in trending technologies.
- New-age technologies like AI, IoT, RPA, Blockchain are being adopted across industries and new job roles that didn't exist a year ago are being introduced today.
- 40 and outdated is a real worry driving mid-managers and senior professionals to up-skill.
- Entry-level professionals make up the second biggest category of learners after mid to senior professionals, reflective of the skill gap between industry and academia.
- IT-Software sector contributes to the biggest chunk of learners and Finance and Banking sector comes in second, although there is a big gap between the two.
- Demand for courses in trending technologies is also seen from traditional industries such as Pharma, Telecom, and Retail in addition to new-age and IT sectors.

- In India, Bangalore leads the demand for all fast-growing technologies. The other metros also drive major demand, but there is a substantial demand from Tier II and III cities too.
- Interest in training for Cloud Computing and DevOps, Data Science and Big Data Frameworks is highest among non-metros and tier 2 cities in comparison to metros.

The report is based on an analysis of 16,000 + learners from Edureka's learner community across the world. It lists the fastest-growing technologies for 2018 and provides a road-map to re-skilling for technology professionals.

The list of fastest-growing tech skills features many new entrants such as Artificial Intelligence which has seen a 100% increase in learners in the last 6 months at Edureka, and IoT, which until a year ago did not have job roles dedicated to it. Blockchain is another technology witnessing demand for hiring across geographies and has seen more than 25% of senior professionals with 15+ years' experience up-skilling. This is in sync with the industry trend of global organizations and start-ups innovating on blockchain. Robotic Process Automation is the other new entrant with jobs being created in multiple domains.

What Is Hot	What Is Not
AI and IoT	Single Big Data Framework
Blockchain	Qlikview
Robotic Process Automation	Manual Testing
Cloud Computing and DevOps	Web development
Data Science	Java, Linux fundamentals

The Best Places to Find Free Audiobooks (Legally)

Audiobooks are great for commutes, long trips, and dull tasks. Here are a number of places you can download Audiobooks legally, and for free. And they're not *all* public domain stuff.

Many of the audiobook sites you can find on the internet let you download classic books in the public domain for free, but some sites have better quality books than others. We've rounded up some of the best of those sites, plus some ways you can get other kinds of audiobooks for free, too.

Project Gutenberg & LibriVox

Project Gutenberg is a volunteer-run repository, started in 1971, that works to digitize and archive cultural work to encourage the distribution of eBooks.

LibriVox.org is another volunteer-run initiative that aims to release public domain audiobooks. Volunteers read chapters of books, and then LibriVox releases that audio back into the public domain for anyone to download.

Since they use books no longer under copyright, most of the books on the sites were written before 1923. So keep that in mind when searching for something to listen to. And if you enjoy the service and like what they are doing, it's easy to volunteer if you have spare time to read a chapter or two and be part of history.

Spotify

Spotify now has a playlist of audiobooks added to its repertoire. Again, most of them are classic works in the public domain. They don't have near as many titles as sites like Project Gutenberg and LibriVox, but if you're already a Spotify user, access the books is super easy. Just hit up the playlist.

NewFixtion

NewFixtion is in a category all to itself. It doesn't have many titles, but what it does have are original stories delivered in daily episodes. Each episode is voiced by trained actors, which gives it a more rounded feeling. It's really more like listening to an old-time radio drama than simply having a book read to you.

You can't download titles from NewFixtion, though. You have to listen to them through your desktop or mobile browser.

Digital Book

DigitalBook, formerly Librophile, lets you search through a database of public domain books from places like Librivox, Gutenberg, Open Library, and also includes books from Amazon (and Audible). Although not all books are free, a large number of them are, and they boast a catalogue of over 100,000 free audiobooks and eBooks.

Internet Archive

Internet Archive is a non-profit archive of internet sites and other cultural artifacts, made available to users in digital form. It's one of the larger and more well-known sites out there for access pretty much anything in the public domain. Providing free access to an archive of over 4 million audio recordings, 11 million books and texts, and 3 million videos.

Audio Books & Poetry : Free Audio : Free Download, Borrow and Streaming ...

Listen to free audio books and poetry recordings! This library of audio books and poetry features digital record...

Learn Out Loud

LearnOutLoud is home to thousands of free audiobooks ranging from fiction to educational. They offer content through their website and a couple other sites already mentioned in this post.In addition to audiobooks, LearnOutLoud gives access to some of the best audio and video learning content on the web, including courses, documentaries, lectures, interviews, and speeches. It's easy to lose track of time while scrolling through the amount of content they have to offer.

**Source
| https://www.howtogeek.com/354016/8-places-you-can-find-free-audiobooks-legally/**

e-Aksharayan Tool @ an optical character recognition (OCR) engine for seven Indian languages

The tool was developed by TDIL (Technology Development for Indian Languages) under the MeitY (Ministry of Electronics and Information Technology) with collaboration of 14 academic institutions including Indian Institute of Technology, Delhi.

The software supports editing in seven Indian languages - Hindi, Bangla, Malayalam, Gurmukhi, Tamil, Kannada & Assamese.

**Link
| https://www.thehindubusinessline.com/news/now-a-tool-to-translate-indian-tongues-into-a-searchable-format/article24555988.ece**

Facebook @ Digital Literacy Library

Their main intention to Help Youth Build Skills Online.

Facebook has announced the launch of a Digital Literacy Library to help young people build the skills they need to safely enjoy online technology. This makes the interactive lessons and videos, developed in partnership with the Youth and Media team to be downloaded free.

There are 830 million young people online around the world, and this library is a resource for educators looking to address digital literacy and help these young people build the skills they need to safely enjoy digital technology.

At present, it is available in only English language. But Facebook has plans to launch it in further 18 languages soon. It is also working with other non-profit organizations around the world to create new additional new ones for educators globally.

More info | https://www.startupworld.com/news.facebook-laaunches-digital-library-to-help-youth-build-skills-online/

By Kids, For Kids: This Amazing Plan Will Arrange 50,000 Books for Odisha's Schools

Through 'Mission: 100 Libraries Project', students of SAI International School in Bhubaneswar have been gifting 3-4 libraries per year to government schools. They have gifted 23 libraries so far and promise not to stop till they gift 100!

By **Design for Change** August 24, 2018

According to reports, India has the largest illiterate population in the world–a staggering 35%. Although the country's literacy rate has increased from a dismal 18% at the time of British rule to 74% today, there's still much left to be desired. A group of 16-year-olds from SAI International School in Bhubaneswar, Odisha, have decided to take matters into their hands and play a part in solving this problem. The students feel that lack of access to books is the main reason why so many students in India have poor reading ability. "You cannot read what you do not have," they say "None of our state's 34,214 primary government schools have libraries in them. This deprives students of a balanced literary instruction. This lack of a library

restricts their knowledge intake and access to basic literacy resources… How can these students keep up in the 21st Century without the proper tools to do so?"

Inspired by the simple 4-step formula of 'Feel-Imagine-Do-Share', developed by the non-profit <mark>Design for Change</mark>, which seeks to challenge students to 'be the change' they want to see in the world, the students came up with an idea.

The students transport an almirah to a government school to stack it with books

They could provide books to more schools in Odisha. The students – among them, Ayushi Mohanty, Vishnu Kumar Lohia, Siladitiya Mishra,Chayanika Baidya and Dhruv Didwania – launched 'Mission: 100 Libraries Project' in December 2015. The aim was to provide "100 small well-stalked libraries to local underprivileged schools in Bhubaneswar and the local area"."Providing even small well-stalked libraries to government schools is a massive need in our community and surrounding area… actually the entire country is being affected by this problem."

After the initial 'Feel' stage of their project, in which the students identified what problems they were troubled by, they brainstormed for the second 'Imagine' stage, under the mentorship of Jessica Patnaik. At this point, the students contemplated the idea of "each one teach one", deliberating on creating a programme through which they could pair up with students from underprivileged schools to help them improve their reading habits. They felt, however, that in the long-

term, this would only impact the individual students being taught. They finally chose to donate libraries, saying "Providing the students with the necessary resources to read, like a library, had a bigger impact on the school as a whole, as it offers access to knowledge not only to the students present in the school today, but also to all future students."

The students decided to donate 3-4 libraries per year to government primary schools in Odisha.

In 2012, SAI International students created a library in a government school in Patia

Every school will be given a cupboard with 500 books, half of which will be in the local language of Odiya, and the other half in English and Hindi. The books will be selected to be age-appropriate, based on the needs of every school. The project is mainly being coordinated by the Going Global Club and Interact Club of the school.

The seeds for the '100 Libraries Project' were laid back in 2012, when students of SAI International School created their first library for students of a government school in Patia. They transformed a storage room in the school into a library, painting its walls and installing colourful furniture. The biggest challenge has been in figuring out how to fund the project, since each library incurs an overhead cost of Rs 30,000. The students raise funds through their annual school festival called UNWIND, which has a whopping footfall of 25,000 people. They offer advertising spaces for local companies in return for sponsorship.

Their second means of acquiring funds is through a talk series based on the format of the TED talks, called SAITED. The event is attended by 1,500 students from all over Odisha. The students also organize school-wide book donation drives.

Since 2012, the students have donated 23 libraries, each comprising of a cupboard with 500 books.

The students gift an almirah with 500 books written in Odiya, English and Hindi

Chandraka Roy, a teacher at Bhugan Ho Tribal School in Bhubaneswar, expressed her gratitude, "Tribal schools do not have the resources to properly prepare their students for state and national board exams. This library will give more access to the books they need to prepare."The libraries have impacted over 11,500 children so far. The students add optimistically, "SAI International School students will not stop until they have gifted 100 libraries. We love seeing the faces of school students who benefit from our project. We believe that we can make our education system better through access to small well-stocked libraries that permanently impact each school that gets one."

By the time the students complete their mission of a 100 libraries, they will have impacted 50,000 underprivileged kids currently studying in Odisha.

The students explain the books in the new library to tribal students of Bhugin Ho Siksha Kendra, Godibari

The 'Mission: 100 Libraries Project' was recognized at the 'I CAN Awards 2017', an award ceremony organized by the non-profit Design for Change, in the category 'Long Lasting Impact'. Since 2009, the annual 'I CAN Awards' has attracted 14,000 stories of change from school children all over India who have followed the Feel-Imagine-Do-Share (FIDS) model of design-thinking to create social change in their communities. In April, the SAI International School students went to the various schools to evaluate whether their libraries had been effective. They found that most children were using the library once a week, and that books written in Odiya were most popular. There were also requests for more biographies, which can be used by students in their research. The students also gave training to the teachers on how to organize the books so that the libraries can be efficiently used.

Written by Design for Change

Digital Revolution @ creating the readers of the future

Source | Financial Express | 3rd September 2018

Top Online Backup Services @ good way to ensure that you don't accidentally lose access to important files

Take your pick from these top online backup services

Using an online backup service is a good way to ensure that you don't accidentally lose access to imp files

You never know when your hard drive is going to crash, or when you are going to accidentally overwrite a key file. Use one of these online backup services to automatically and securely protect your documents, photos, and other media.

- **IDrive**
- **Acronis True Image**
- **SOS Online Backup**
- **Backblaze**
- **Livedrive**
- **Carbonite**
- **SpiderOakONE**

Source | Economic Times | 4th September 2018

Wireless Repeater @ It will reach your WIFI into the hitherto 'dark zones' of your home

Source | Asian Age | 4th September 2018

Want to pursue online course? Here are the top five platforms

Source | Daily News Analysis | 4th September 2018

UK Universities Group Calls for New Post-study Visa to Attract Indian Students

The UK scrapped its post-study work visa in 2012, which had allowed international students from countries like India to stay in the UK and work for up to two years after graduation.

Source | https://www.news18.com/news/india/u k-universities-group-calls-for-new-post-study-visa-to-attract-indian-students-1866697.html

1st Blockchain library In India is a major attraction for the technology community @ Free Library Access

World's 1st Blockchain Experience Centre - Blockspace has been launched in Noida. It will become a key driving force for global technology companies working on blockchain to come to India. It is the only space to focus dedicatedly on Blockchain technology, with their incubator program the focus is to support and build great start-ups and products from India and take it to the global market. The blockspace also has a Blockchain library for people to read and learn about this technology for free. Soon Blockspace will be opening at international locations such as London, Zurich, Dominican Republic and more!

World's 1st Blockchain Experience Center - Blockspace has been launched in Noida. It will become a key driving force for global technology companies working on blockchain to come to India. It is the only space to focus dedicatedly on Blockchain technology, with their incubator program the focus is to support and build great start-ups and products from India and take it to the global market. The blockspace also has a Blockchain library for people to read and learn about this technology for free. Soon Blockspace will be opening at international locations such as London, Zurich, Dominican Republic and more!

Emphasizing on the interest of VCs and Investors in blockchain technology, Sandro said" an initiative as such will give the VCs and investors a right place to look for some apt startups building some revolutionizing products and services and then to invest in them". The benefits from this initiative shall be:
- Students, Entrepreneurs, Executives will be able to learn about Blockchain at Blockspace from international experts.

- Free library access to 1st Blockchain library In India is a major attraction for the technology community.

- Government bodies shall be able to use the space for launching new age technology services and also collaborate with international companies.

- Startups and companies scattered across the country and working on Blockchain will be able to work from one place and be of support to each other.

More Info | Click Here

Can you read at superhuman speeds?

If we cut the time spent moving our eyes, we can read at much greater speeds. Give speed-reading a try yourself in this video.

Reading English has been the same for centuries – you start at the top of the page and work left to right, line by line. But what if that was all about to change?

Full   Info | http://www.bbc.com/future/story/2018 0810-can-you-read-at-superhuman-speeds

IIT Bombay Organizes a Unique One Day Workshop on 2nd October 2018 @ Students will learn to make Solar Study Lamp

Around 5,000 school students from around 100 schools will come to IIT Bombay campus for being a part of this world record event. The students will not only use the lamp but also promotes Solar Technology to their friends & families and thus become Student Solar Ambassadors.

The students will benefit by:

☐   Becoming a part of the Guinness Book of World Record event

☐   Taking-home solar lamp with Panel (Actual cost – INR 600)

☐   Receiving a certificate of participation

Link | http://indiaeducationdiary.in/iit-bombay-organizing-workshop-called-student-solar-ambassador-workshop/

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