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TOP TRENDS

HIGHER EDUCATION

Here are some curated trends in the higher education sector. These trends will give you an overview of what is happening in the sector in 2020.

Increased Acceptance of Online Education

With the availability of fast and cheap internet everywhere, more and more institutions are implementing fully online education. The decreasing cost of hardware like laptops and student licensing of software is also helping this trend. With this, you can expect all **institutions switching to flip class concept where students learn from home and practice in class**.

TRY THESE TOOLS

- **Video conference**
- **Virtual Whiteboard**

For an effective online teaching experience.

Future of Work

The future of work is being reshaped with new trends emerging in the global workforce management. Is your institution coaching on this?

SHAPING FUTURE OF WORK

- **Artificial Intelligence**
- **Off-Balance Sheet Workers**

These two are changing the concepts of workplace, workforce, and nature of work.

Content Innovations

The e-learning content providers and platforms are coming up with innovations in the way content is created and shared, to keep the learners engaged and track progress in realtime.

CONTENT TRENDS

- **Short Videos**
- **Interactive contents**

The major challenge in online learning is the distraction taken of students and making the content itself keep the students engaged for learning.

Online ERP

Higher Educational institutions can no longer operate without a fully Online ERP Solution.

ERP Software solutions help in the efficient operations of higher educational institutions by digitizing the day to day operations of the college and universities.

Online ERP solutions save the time of faculty and reduce the cost of administration.

RECOMMENDED TOOL

- **Fedena ERP**

Starting from admission management to finance management, Fedena has get 50+ modules to take care of all the systems and processes in a college or university. The SaaS model provides instant signup and implementation of the ERP. **fedena.com**

Better LMS

Learning Management Systems are innovating from traditional standalone platforms to userfriendly interfaces.

RECOMMENDED TOOL

- **Udiy**

Everything you will ever need is a perfect e-learning software for a college or university. **udiy.com**

Mobile Devices

Many higher educational institutions are allowing students to bring mobile devices to classroom because of the unavoidability of the device and technology even in learning.

TRY OUT THESE TOOLS

- **Collaboration Apps**
- **E-learning Apps**

Collaboration apps allow student-teacher and parent-teacher communications. E-learning apps to learn and track the progress of learning.

Artifical Intelligence

Artificial Intelligence is the intelligence of machines that can be used to catalyze the operational activities of colleges and universities.

AI is connecting all the different digital tools in a higher educational institution to provide a single streamlined experience for the different stakeholders - teachers, students, parents, administrators, and leadership.

BENEFITS FOR HIGHER ED

- **Automation of administration**
- **Assist in teaching**
- **Assist in learning**
- **Smart content creation**
- **Inclusion and diversity**
- **Collective knowledge**
- **Universal access**
- **Speed in decision making**
- **Save time & reduce cost**

Mental Health

Faculty and leadership are implementing tools and processes to help the students facing anxiety, depression, and other concerns.

ANXIETY EPIDEMIC

- **Study by UC Berkeley**

The number students who report suffering from anxiety disorder **has doubled since 2009.**

Learning Analytics

Higher educations are implementing specialized analytical tools for studying the patterns in academic performance to guide the different activities in academics.

TRY OUT THESE TOOLS

- **Existing LMS & ERP**
- **BIRT**
- **Tableau**
- **ELK Stack**
- **Clickata**

Data Driven Decisions

In DDDM or Data-Driven Decision Making, decisions are made based on factual, verifiable information.

DDDM 'supplements' intuition with past trends and future projections. Here the software(machine) and management(human) works together to make decisions that can help the institution achieve the academic and business goals faster.

ERP FOR DDDM

ERP is the goto tool for decision making by the leadership. Only in the absence of reliable reports, they took the decisions based on intuition and the data. Online ERP provides enough reporting tools to help colleges and universities in decision making.

Augmented Reality

Augmented reality(AR) technology helps colleges and universities add layers of digital view on top of the real-time physical view.

This is achieved with the help of specialized tools for creating augmented reality. Once the augmented reality is created, the users can navigate the augmented reality using digital tools like a smartphone or a tablet.

This is most widely used for creating real-time campus navigation maps.

OPEN SOURCE TOOL

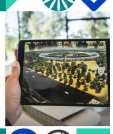
- **Monado**

Monado hopes to jump start development of an open-source XR ecosystem and provide the fundamental building blocks for device vendors to target the OpenXR.org platform.

Virtual Reality

The virtual reality(VR) **is an immersive simulation of digital reality that is completely separated from physical reality.**

This is used for creating virtual campus tours from the browser. The students and parents seeking admission to the institution can use this simulation to know about the campus. VR is also widely used in e-learning content and activities.



Diversity & Inclusion

Diversity and Inclusion is a hot topic for discussion in higher education leadership.

We are now witnessing how technology can help to overcome the challenges in diversity and learning faced by students joining the campus from various backgrounds.

The leadership is aware of how diversity & inclusion enrich the educational experience and promotes best practices for a healthy society.

RECOMMENDED TECHNOLOGY

- **AI & MACHINE LEARNING**

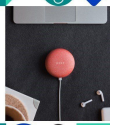
AI is catalyzing the inclusion and diversity initiatives across the globe. AI-enabled digital technologies can overcome the barriers of languages and mitigate learning difficulties.

Internet of Things

IoT (Internet of Things) is the network of interconnected devices spread across the different locations on the campus.

IoT is found helpful in improving the learning outcomes, operational efficiency, and safety of the campus.

IoT is expected to bring paradigm shift in higher education.



Privacy

Privacy is the fundamental right of all the users of campus digital technology tools. The users include students, parents, teachers, and other faculty.

Privacy can not be achieved with technology alone. Privacy includes the protection of personal data and ensuring that the users have control over their personal data. It is about policies and the system & process put in place to ensure the policies are followed.

KNOW THE DIFFERENCE

- **Security & Privacy**

While security is the protection of the digital environment, privacy is the protection of the individual rights of students and faculty. Security can exist without privacy.

Source | fedena.com/blog