Jio Business

JioBusiness for Education: Graduate to a Digital Campus

Introduction

A four-year-old child learning today is going to lead a nation someday. A fourteen-year-old doing a social science project this morning is going to contribute significantly to a social reform movement. A twenty-four-year-old working towards a higher degree will be CEO. Education is the backbone to developing the next generation of leaders and contributors to society.

There was a time when the Indian education system was revered across the world for its centers of educational excellence in Nalanda and Takshashila. Today the education sector lags behind in many areas and is struggling with outdated teaching methods, shortage of
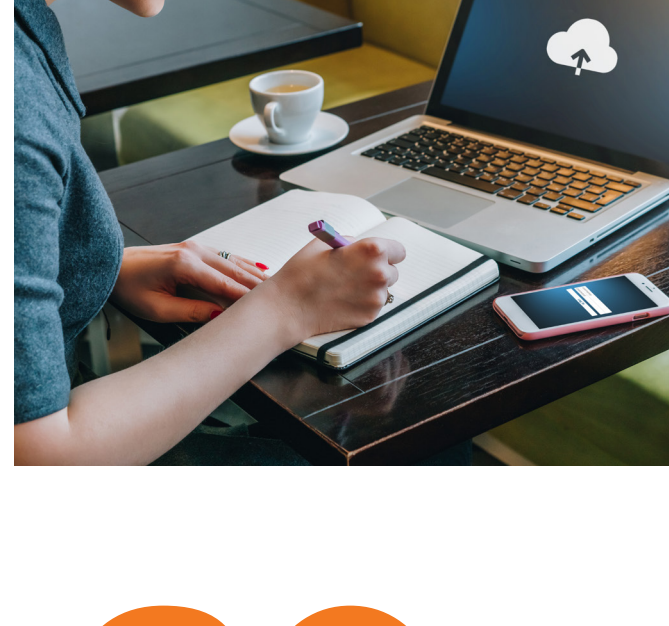
teachers, inadequate student-teacher ratio, and insufficient teaching resources. Digitization and technology use in the education sector can democratize access to education, upskill the workforce, and establish lifelong learning. Schools and universities can provide richer learning, promote safety, utilize augmented reality, promote flexible experiences, and improve instructor opportunities by utilizing connectivity and technology solutions from Reliance Jio. Effective solutions from Jio can improve distance learning, keep students and teachers connected, increase staff efficiency, streamline administration, increase capacity, and support fundraising while reducing costs.

Indian Education

India has one of the largest education systems in the world with nearly 300 million students enrolled in more than 1.5 million schools[1]. There are roughly 40,000 colleges and universities catering to 27.5 million undergraduate and 4 million post graduate students[2]. India has the largest youth population in the world – an army of 600 million young people under the age of 25.

Improvements in smartphone penetration rates and broadband availability have set the stage for a revolution in education system in India fueled by technology. The New Education Policy (NEP 2020) released by the Government of India (GOI) in July 2020 could catalyze transformational change in the Indian higher education system.

Building a digital-ready institution can enable virtual learning for farther reach and build lifelong learners. Online systems access to the cloud for hosting course materials, secure access to grades and student records, learning management systems for students to interact with peers and faculty, and on-demand training can enable a hybrid education system while saving administrative costs. Online systems can leverage data and analytics to improve student interventions. These systems will track and analyze variables such as student attendance, engagement with online learning portals, management of admissions, and online grades. Digital monitoring can prevent teacher absenteeism. Nearly 60% of educational institutions in India are utilizing the cloud to store, access, and analyze data. Besides imparting knowledge, teachers in India's education system are also responsible for various administrative tasks. The cloud enables education institutions to easily perform administrative responsibilities.

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With the use of newer technologies increases the threats from hackers who are rapidly finding sophisticated ways to conduct cybercrimes. Cyber-attacks are gaining ground in the education sector. The sector is prone to Distributed Denial of Service (DDoS) attacks. The intention behind the attack is a widespread disruption to the institute's network and impact productivity. Educational institutions, which are trusted to safeguard students' safety should have a robust infrastructure that cuts down all risks and leaves no scope for breaches.

One of the inherent requirements to provide these solutions is to have a steady, reliable, secure, and highly available network connection at any time. The Jio network with high-speed fiber and blazing wireless speeds is the perfect solution to keep education institutions connected. **In addition, Jio productivity tools and devices can transform the education experience for students, teachers, administrators, parents, and everyone involved.**

[1] All India Survey on Higher Education (2015-2016), MHRD, 2016
[2] Educational statistics at a glance, MHRD, Dec 2016

Jio Solutions

Secure Connectivity for Uninterrupted Learning

Digital Solutions for Reach & Engagement

Intelligent Devices for Enablement

Downtime means loss of instruction time, loss of research, delay in assignment submission. This can affect faculty productivity and reduce student participation. What institutes need is reliable, secure and high-speed connectivity. Jio's High Speed Internet ranks top in Netflix's ISP speed index as the fastest wireline network in India[3]. Jio has the fastest 4G speeds according to Telecom Regulatory Authority of India (TRAI) data[4]. Jio operates the best network for education institutes with fiber connections backed by ubiquitous 4G LTE to keep them connected. That apart, Jio focusses very strongly on the security of connectivity, platform and data, so that users can avail services absolutely stress free!

With Jio's learning platform one can conduct live online classes, chat and message real-time, share notes and exam updates, schedule classes and a lot more! JioOnline allows schools and universities to create website and connect with students on social platforms with auto-sync updates that can communicate events, share social engagements, announcements etc. Microsoft 365 bundled with Jio, offers services like Office Apps, Microsoft Teams, OneDrive, and Outlook that helps drive productivity and collaboration. With Toll Free Number service institutes can publish a single number for contact and connect via IVR to various departments of interest. JioAttendance can enable contactless management of staff.

IoT in schools means a better-connected and more collaborative future of education. Smart security cameras, smart lighting, climate control, vending machines, digital signage, digital white boards, and other connected devices can enhance the university environment. Jio operates the largest NB-IoT network to keep devices connected. Virtual field trips and cloud computing can motivate students and faculty alike. With JioBusiness solution institutes can avail the Digital First Business Membership from Reliance Digital, where you can get laptops, printers, computers, phones, mobiles and lots more for the needs of your institute, along with additional discounts, extended warranties and on-site support.

[3] Netflix ISP Speed Index, URL:
https://ispspeedindex.netflix.net/country/india/
[4] TRAI MySpeed Portal, URL:
https://myspeed.trai.gov.in/

Summary

India has seen an exponential adoption of technology in the education sector. Indian schools and universities have quickly moved from classrooms to live conferencing classes, from written tests to online assessments, from class quizzes to gamified assessments, from handing in assignments to online grading, and from paper marksheets to digitized grades. All stakeholders including schools, students, parents, teachers, administrators, and policy makers are quickly embracing technology and the cloud. Reliance Jio provides the perfect platform for education institutes to keep systems connected and the tools to simplify tasks. This will fuel constant innovation and the use of artificial intelligence (AI), augmented reality (AR), virtual reality (VR), and other technologies for improvements in the education sector. JioBusiness solutions is the perfect platform for Indian educational institutions to build leaders of tomorrow and regain iconic status as a globally respected education hub.