

IoT in Education to Transform Way of Learning

Your Company Name



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Introduction to IoT deployment in education industry

Following slide provides comprehensive overview of internet of things (IoT) implementation in education sector. It includes elements such as introduction and examples.

Overview



Transformation of traditional way of learning for both students and educators through advance technology

Involves connection of physical objects and equipments with internet to make education more effective and interesting

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Examples

Attendance Tracking



- Use of sensors in classes, libraries transfer student location to track and assess students attendance easily
- Reduces manual errors by **65%**
- Add text here

Safe Environment



- Develop security plans for burglars, weather hazards etc. use of devices such as:
 - › Door locks
 - › Sensors
 - › Networked emergency alarms
- Add text here

Key statistics associated with education IoT

Following slide depicts key statistics of using IoT and smart technology for education that promotes collaborative learning. It further covers market size, CAGR, technology use and IoT enabled device integration.

01

By 2023, global market size of IoT in education is forecasted to be **11.3 billion** by 2024

02

Market will grow at compound annual growth rate (CAGR) of **18.8%**

03

78% of certified teachers uses technology in classrooms to promote effective learning

04

By 2025, over **75 billion** of devices will be integrated with IoT technologies



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Emerging trends of smart technology in education

Following slide exhibits future trends focusing on technology based education that helps to increase innovation and student participation. It includes types of learning such as hybrid, game based, digital and online.



Hybrid Learning

- Combination of both in-person and virtual learning
- Provide opportunities by expanding boundaries of learning process
- Add text here



Game Based Learning

- Gamification technique to involve and motivate student learning
- Improve student engagement rate by **70%**
- Add text here



Digital Literacy

- Teach students to use social media for educational purposes through media literacy
- Use of digital content such as:
 - › Hyperlinks
 - › Videos
 - › Images & comments
 - › Audio clips
- Add text here



Online Learning

- Increased demand of virtual learning due to pandemic effect
- Availability of digital options eliminate geographical constraints on education
- Add text here

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Elements for successful implementation of IoT in education sector

Following slide exhibits essential elements that helps to determine and ensure successful deployment of IoT based devices and technology in education industry. It includes elements such as safety, data integrity and educational regulations.



Safety

- Assure security of:
 - › Private & public data
 - › Stakeholder privacy
- Implement strict & compulsory data privacy measures
- Add text here



Data Integrity

- Use appropriate technology to ensure authenticity of data collected from different sources
- Availability of open data sharing platform for stakeholders
- Add text here



Educational Regulations

- Develop and implement policy decisions to address transformative & structural shift in learning
- Strengthen technology usage in classrooms through effective education policy
- Add text here



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Emerging technologies for education in future

Following slide exhibits smart technologies that helps to improve educational sector future. It includes technologies such as data analytics, machine learning, 5G technology and ERP solutions.

Technology	 Description		 Impact	
	Data analytics	Gather student data that influence future learning environment	- o 60% engagement rate - o Accurate and non – invasive	
	Machine learning	Use computer algorithms for student smart decision making	- o Enhance student progress rate by 48% - o Enable personalization experience	
	5G technology	Connect powerful networks to deliver quick resources to students	- o Reduces delay times by 50% - o Add text here	
	ERP solutions	Easy storage and sharing of student with real time update functions	- o Improve resource utilization by 65% - o Enhance educational institution operational efficiency	

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