Management and Organization of Online Classes: Challenges and Opportunities

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Management and Organization of Online Classes: Challenges and Opportunities

The spread of the infective disease caused by the COVID-19 has caused an international health pandemic that has had challenging ramifications socially and economically and on education as one of the significant areas disrupted. However, this disruption could be the beginning of a surprising innovation because the institutions, including educational ones, responded to the travel bans and home quarantines by shifting to online interaction. Although major issues arise from the crisis that caused the shift, users worldwide wonder whether COVID-19 could act as a catalyst for the online progress in educational procedures and accelerate the use of the latest technology to the point where the future becomes the present. The coronavirus pandemic has revolutionized global education through the unprecedented introduction of new solutions, tools, and applications. According to UNESCO's statistics, the closure of universities worldwide to contain the COVID-19 pandemic has affected 91% of the student population.

Main Challenges & Opportunities of organizational behavior are:

- Improving peoples skills.
- Improving quality and productivity/employability
- Total quality management (TQM)
- Managing workforce diversity
- Responding to collaboration
- Empowering employees and clients

Challenges & Opportunities (Cont..)

- Coping with temporariness
- Stimulating innovation and change
- Emerges of e-organization and e-learning
- Improving ethical behavior
- Improving clients services
- Helping employees balance work-life conflicts
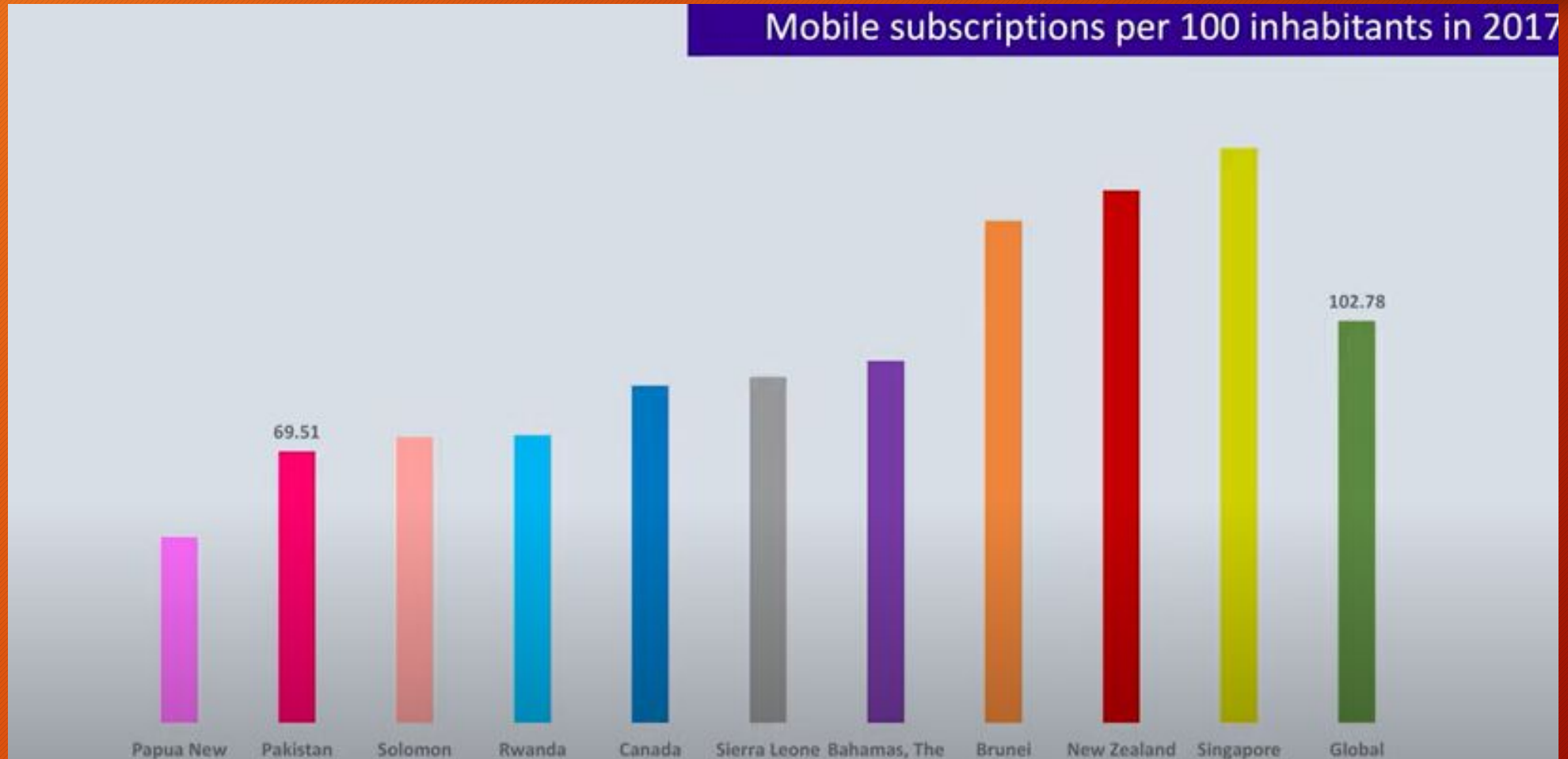
Challenges

Challenges of COVID-19

- Social Issues: continuing to combat inequalities during crisis
- Pedagogical challenge: adopting flexible approaches
- Harnessing technology for teaching & learning
- Psychological dimension
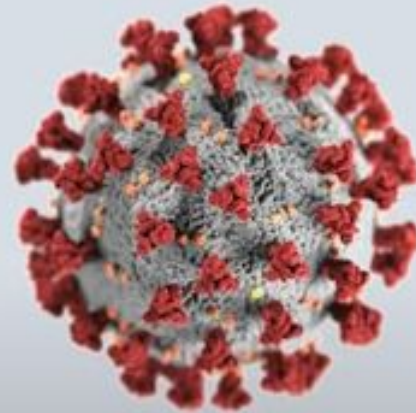
Internet users per 100 inhabitants in 2017

Mobile subscriptions

Mobile subscriptions per 100 inhabitants in 2017
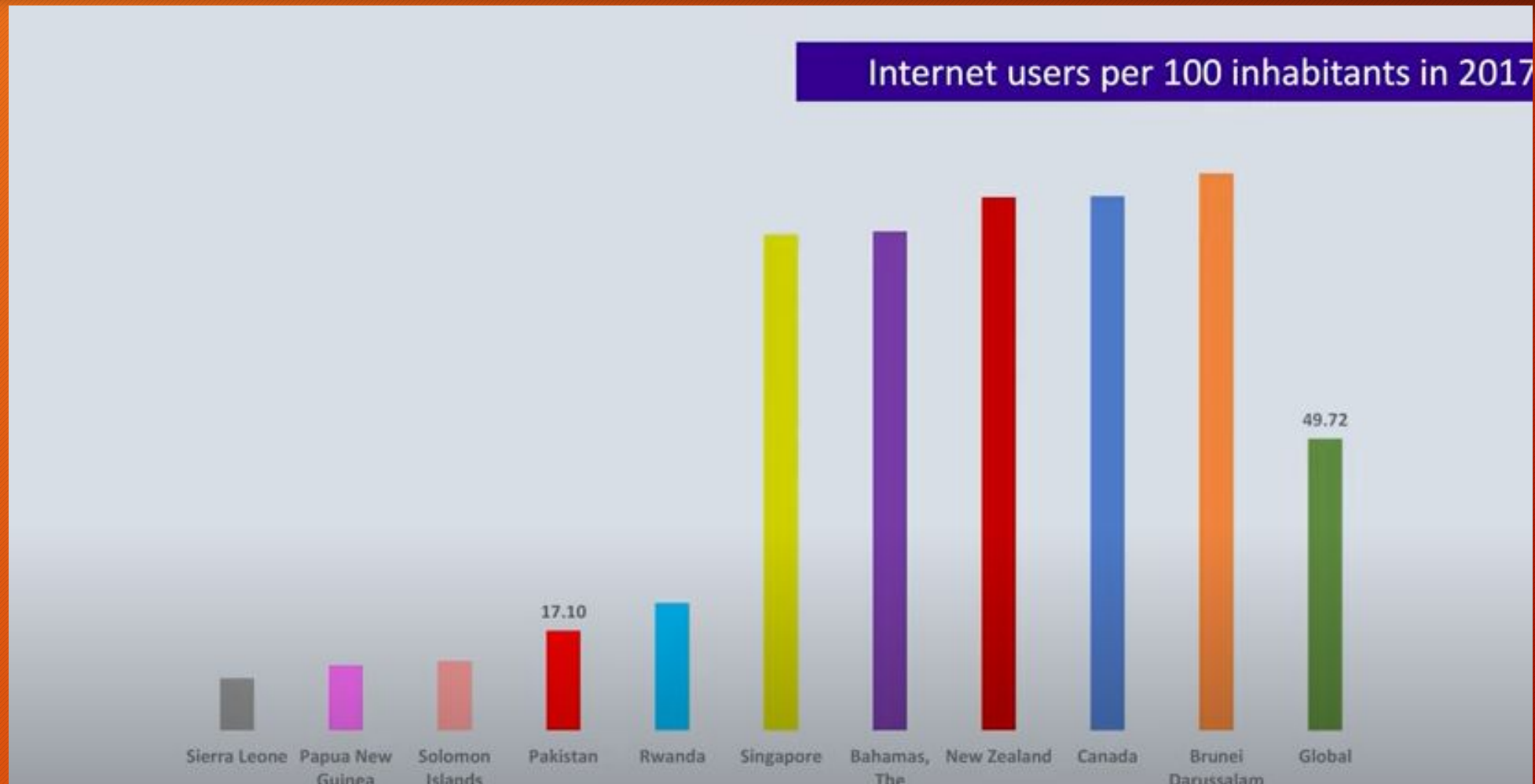
Boat schools in Bangladesh

Social distance

PWD

Inclusion

- Canada: 10.7%
- India: .56%
- South Africa: 1% . For example, in South Africa 80% of disabled people aged 20-24 are not in tertiary education.

Access to HE

More PWD joining Open & Distance Learning (ODL)

More PWD joining ODL

CONVENIENT
- Study at your own pace, place, time
- Don't require to travel to campus or accommodation

FLEXIBLE
- Option to listen, watch or read lecture in different formats

AFFORDABLE
- Costs less than F2F

ANONYMOUS
- Engage with professors and classmates without feeling discriminated

Workforce Recovery Programme
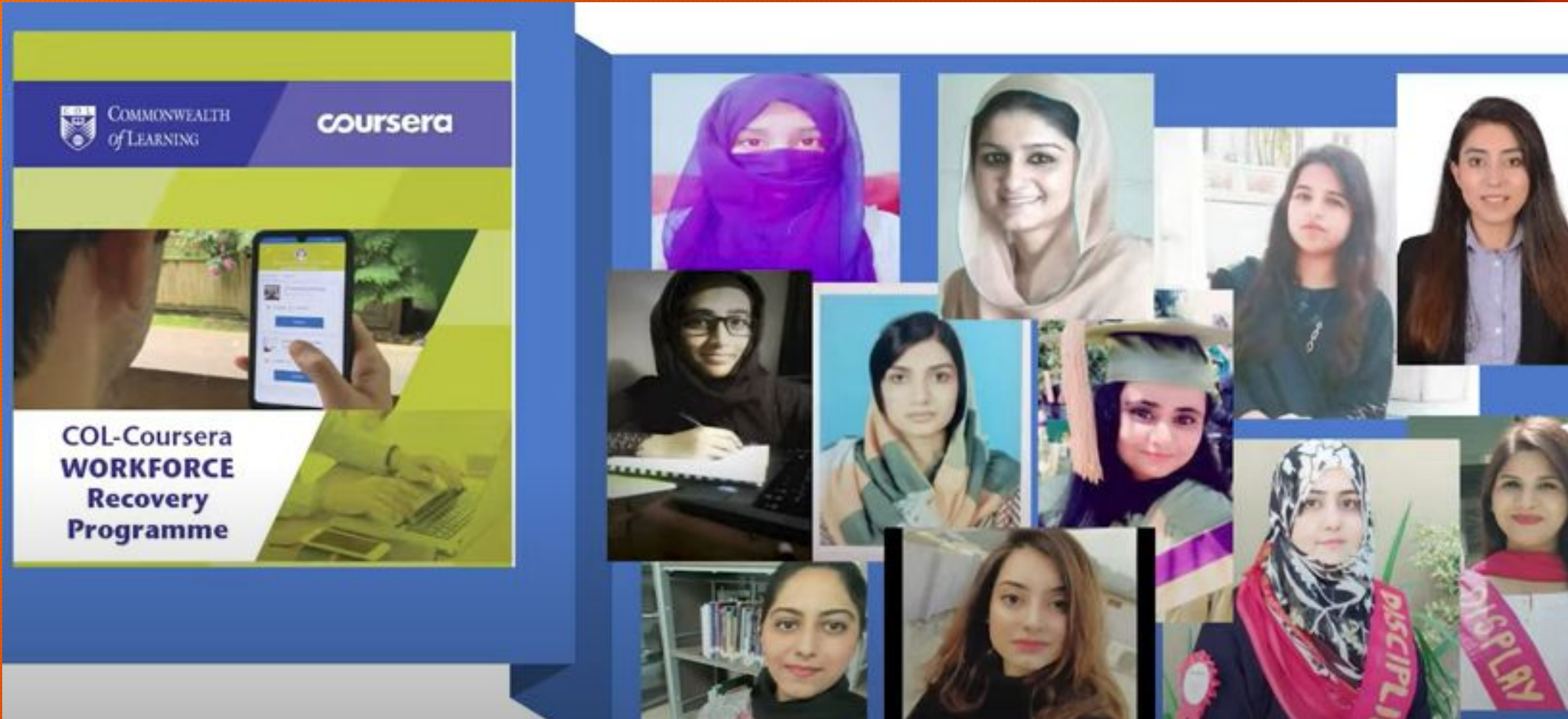
Pedagogical Challenge

Overnight transition

Teacher: From lecture to online

Student: From class to distance

Parent: new role as tutor, counsellor, mentor

3 Type Content

Student ⟷ Student

Student ⟷ Teacher

Student ⟷ Content

Quality Contents

Open Educational Resources

- Free and freely available
- Reusable
- Digital
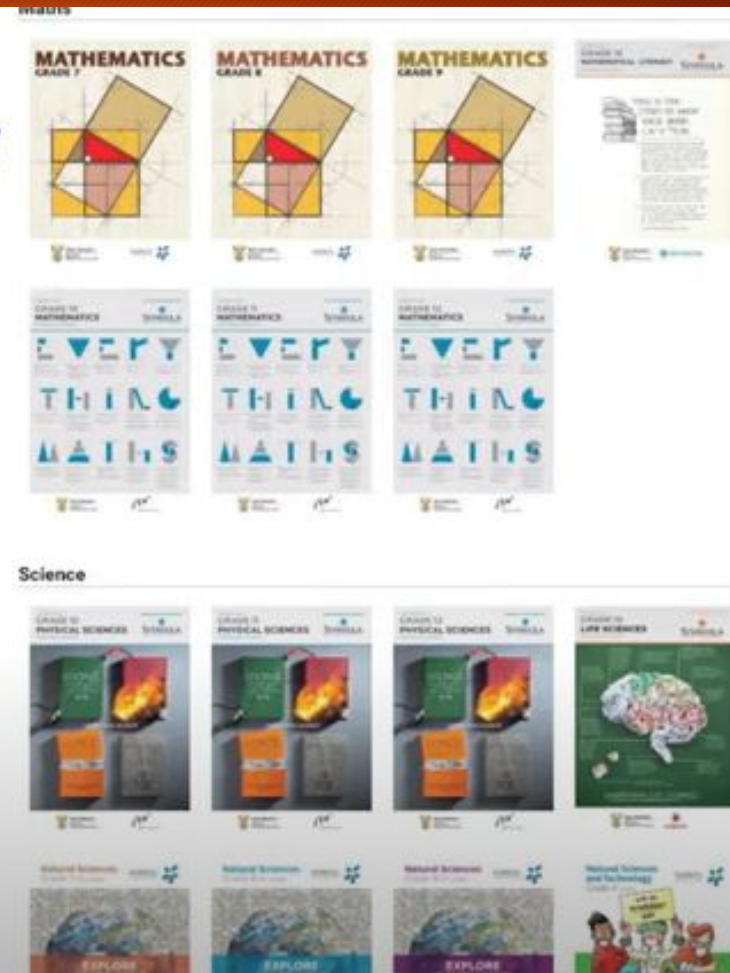
OER

Using OER for Improving Learning Outcomes

- Students saved between 75 to 88 ECD per semester

- OER improved student performance by 5.5%

Impact of Open Textbook Adoption at Antigua State College

Source: http://oasis.col.org/handle/11599/2750

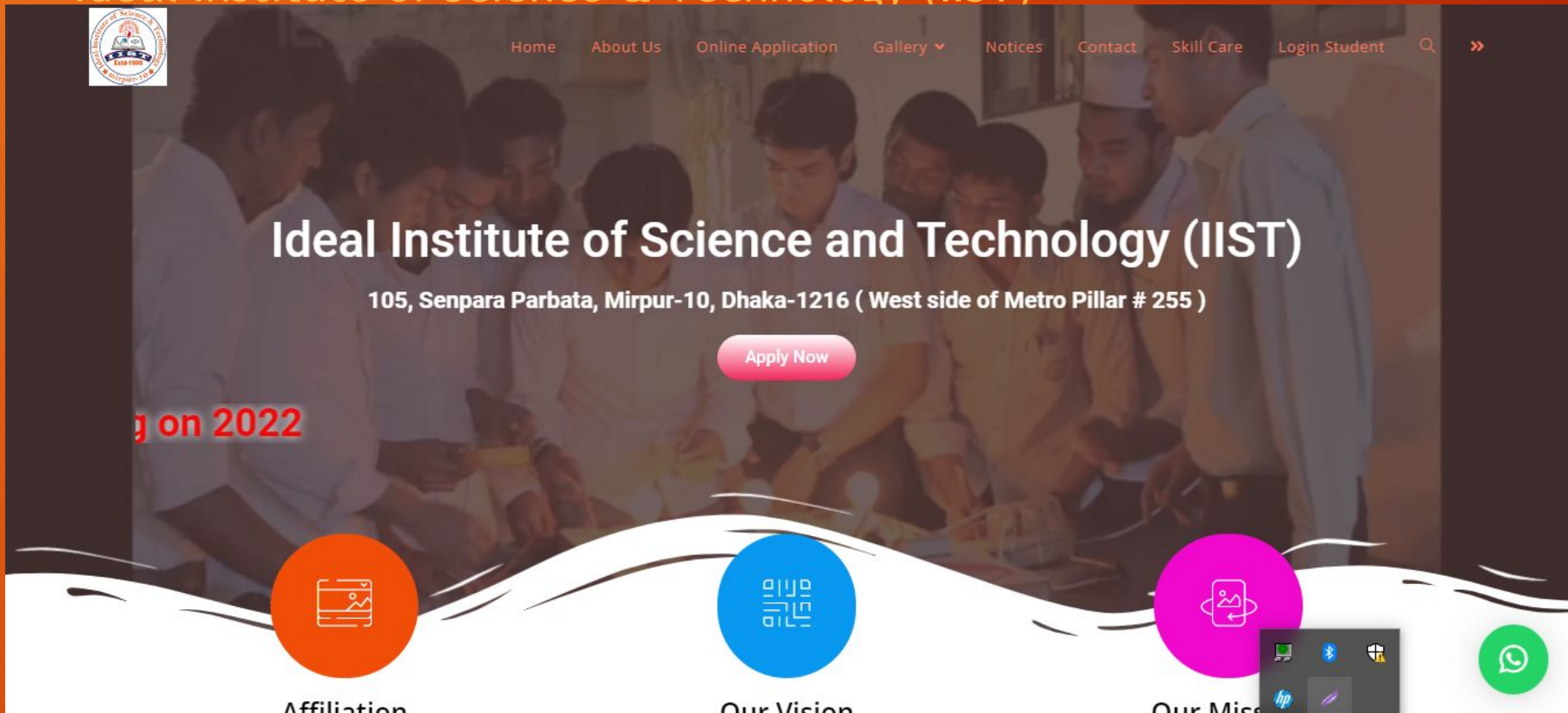# Khan Academy USA

Learner & Learning Support
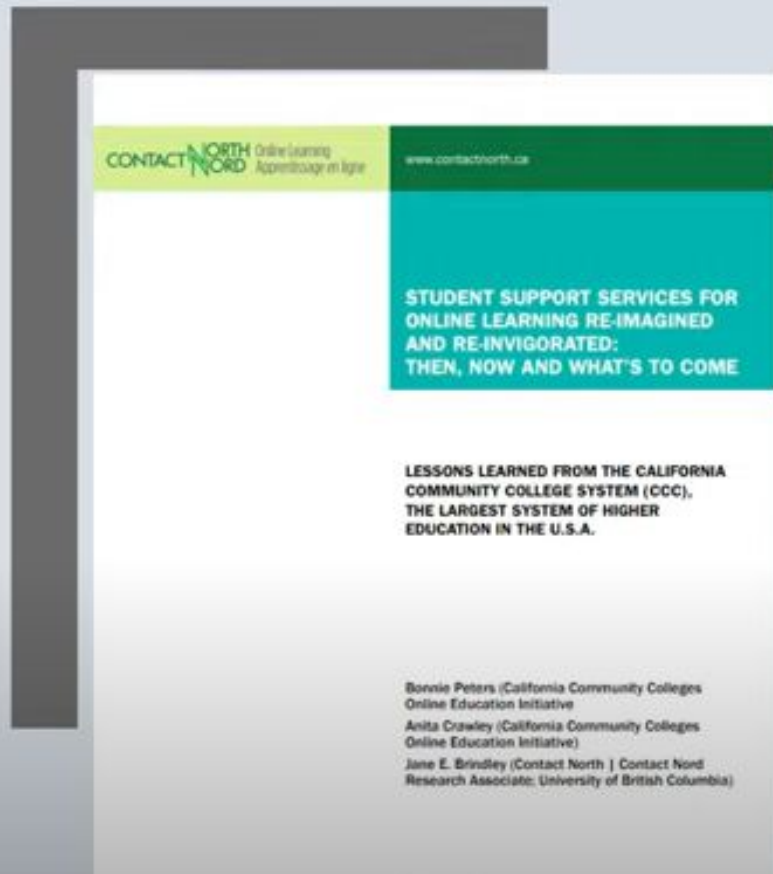
Learner and learning support in practice

- Online support hubs 24/7
- Ethical use of learning analytics
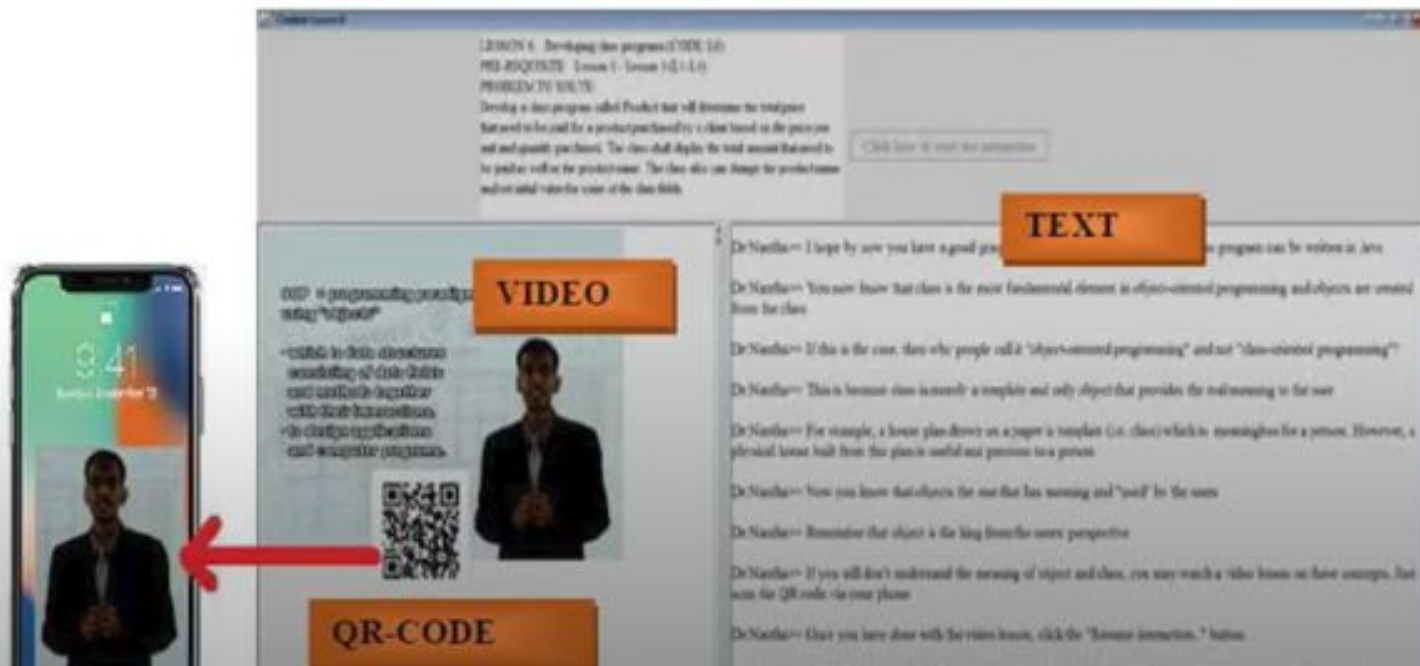- Support for entire learning journey
- Keeping the human touch

CONTACT NORTH NORD Online Learning Apprentissage en ligne   www.contactnorth.ca

STUDENT SUPPORT SERVICES FOR ONLINE LEARNING RE-IMAGINED AND RE-INVIGORATED: THEN, NOW AND WHAT'S TO COME

LESSONS LEARNED FROM THE CALIFORNIA COMMUNITY COLLEGE SYSTEM (CCC), THE LARGEST SYSTEM OF HIGHER EDUCATION IN THE U.S.A.

Bonnie Peters (California Community Colleges Online Education Initiative
Anita Crawley (California Community Colleges Online Education Initiative)
Jane E. Brindley (Contact North | Contact Nord Research Associate; University of British Columbia)

IIST Mirpur-10, Dhaka-1216

- Ideal Institute of Science & Technology (IIST)

Jackpot Malaysia

Text, Video and Animated Images form the backbone of the chatbots. These chatbots too have QR-codes so that videos can be viewed directly from the smart-phone. While dialogues/conversation are important in learning programming but programming can't be learnt entirely through these type of communication. Thus, the chatbot also support immersive learning and visualizations, so that difficult Java programming concepts can be explained easily for easy understanding and to reduce the mental load of the students when learning programming. QR-codes, videos and animated images together provide the immersive learning environment in the chatbot.

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ডিপ্লোমা ইন ইঞ্জিনিয়ারিং

Basic Workshop Practice

Metal fabrication is the creation of metal structures through cutting, bending and assembling processes. It is a value-added[1] process involving the creation of machines, parts, and structures from various raw materials. Typically, a fabrication shop bids on a job, usually based on engineering drawings, and if awarded the contract, builds the product. Large fab shops employ a multitude of value-added processes, including welding, cutting, forming and machining.

SIKDER MOHAMMAD MOHSIN
Teacher

ডিপ্লোমা ইন ইঞ্জিনিয়ারিং

Programming Essentials
Basics of programming Language; Basics of Python; Variables; Data types; Strings; Operators; Decision making and
Looping statements; Lists; Tuples; Functions; File operations;

PROGRAMMING IS FUN>>>>>>>PYTHON

Maksuda munni
Teacher

ডিপ্লোমা ইন ইঞ্জিনিয়ারিং

Machine Shop Practice- One
একটি মেশিন শপে বিভিন্ন ধরনের মেশিন থাকে। এর মধ্যে লেদ মেশিন, ড্রিল মেশিন, শেপার মেশিন, মিলিং মেশিন গুরুত্বপূর্ণ।

Engr. Md. Sydur Rahman
Teacher

মেশিন শপ প্র্যাকটিস-২ (৬৭০৩১)
বিভিন্ন মেশিন সম্পর্কে প্রাথমিক ধারণা অর্জন করা

সাইবার সিকিউরিটি এন্ড ইথিকস
এই কোর্সটি ডিপ্লোমা ইন ইঞ্জিনিয়ারিং এর ৭ম পর্বের শিক্ষার্থীদের জন্য প্রনয়োণ করা হয়েছে।

Refrigeration & Air-conditioning Fundamentals

The students to enhance basic knowledge and comfortable life.
Over the subject students enhance vapor com psychrometry, Thermodynamics, Refrigerants

Assessment

Blended Learning

Access

Access at Stanford University

- 16% undergraduates did not have access to internet for half the time
- 60% of low-income students did not have a private place to study

Tele School TV BANGLADESH

টিভিইটিতে অনলাইন শিক্ষা প্রদান.

পর্যায়ক্রমে ১৮৩ সরকারি কারিগরি কারিগরি ও ব্যক্তিমূলক শিক্ষা ও প্রশিক্ষণ ১,৩০০০০ শিক্ষার্থী ১০,০০০ হাজার শিক্ষকের সমন্বয়ে অনলাইন শিক্ষা কার্যক্রম পরিচালনা করা হচ্ছে।

2307

Active users accessing our amazing resources

212

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Available courses

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Service and repair refrigerators

বিএসসি ইন ইঞ্জিনিয়ারিং

Electronics and Control System

This course is specially designed for the 1st year students of Bsc. in Technical Education.This course contains mainly three topics :1. Advance Electronics2. Digital Electronics3. Control System

বিএসসি ইন ইঞ্জিনিয়ারিং

ELECTRICAL MACHINES

Machines,Instrumentation and Control

Online Courses

Massive Open Online Courses: MOOCs

- Major MOOC initiatives in China, India, Japan, Korea, Malaysia
- Thousands of courses available in Asian languages: Chinese, Japanese, Korean, Thai

Mobile

Range of Technology uses

Online Safty

Online Safety

- Cybersecurity
- Privacy
- Using age-appropriate filtering tools
- Safe use of networked devices

Regular Communication

3 C

Connectivity

Mindset

Multiple Media (Web Development Level-4)

Artificial Intelligence Simulation

How Augmented Reality (AR) Is Transforming The Education Industry

- The AR experience is thriving as a significant trend, and it is estimated that by 2023 there will be 2.4 billion Augmented Reality mobile users worldwide. However, there were only 200 million users in 2015. It is an excellent influx in numbers that can't be ignored. However, my interest in this article is looming around the usage of Augmented Reality in education and eLearning applications. Many of us are only aware of Augmented Reality being used in mobile games like Pokémon Go and social media platforms like Snapchat. However, education is another significant space where this technology can blow up the candles.

Capacity

Blended Learning

Options

Proportion of Content Delivered Online	Type of Course	Typical Description
0%	Traditional	Course with no online technology used — content is delivered in writing or orally.
1 to 29%	Web Facilitated	Course that uses web-based technology to facilitate what is essentially a face-to-face course. May use a course management system (CMS) or web pages to post the syllabus and assignments.
30 to 79%	Blended/Hybrid	Course that blends online and face-to-face delivery. Substantial proportion of the content is delivered online, typically uses online discussions, and typically has a reduced number of face-to-face meetings.
80+%	Online	A course where most or all of the content is delivered online. Typically have no face-to-face meetings.

Best Wishes to All