DIGITAL CREDENTIALS MASTERCLASS

Bled, Slovenia
24-25 October 2019

Didactical Innovation through Micro-Credentials

UNIVERSITÀ DI PAVIA

New industrial revolution may end retirement, Mark Carney warns

Tom Knowles,
Ecomomics Correspondent

Politics

Brexit

Banking

Economics

Mark Carney said the nature of work was changing, with Britain on the cusp of an industrial revolution in AI and automation
REUTERS

Longer lives and rapid advances in technology could mean that some workers never have the option of retiring, Mark Carney has warned.

BANK OF ENGLAND

Speech

The Future of Work

Speech given by

Mark Carney,

Governor of the Bank of England

2018 Whitaker Lecture, Central Bank of Ireland

14 September 2018

"The biggest issue may be how to institutionalise re-training in mid-career and to integrate it with the social welfare system."

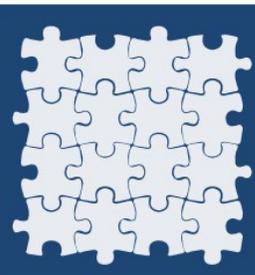# EDUCAUSE Horizon Report | 2019 Higher Education Edition at a Glance

Significant Challenges Impeding Higher Education Technology Adoption

Solvable   Those That We Understand and Know How to Solve

Improving Digital Fluency
Increasing Demand for Digital Learning Experience and Instructional Design Expertise

Difficult   Those That We Understand but for Which Solutions Are Elusive

The Evolving Roles of Faculty with Ed Tech Strategies
Achievement Gap

Wicked   Those That Are Complex to Even Define, Much Less Address

Advancing Digital Equity
Rethinking the Practice of Teaching

EDUCAUSE Horizon Report | 2019 Higher Education Edition at a Glance

Important Developments in Technology for Higher Education

2019　　2020　　2021　　2022　　2023

Time-to-Adoption Horizon: One Year or Less

Mobile Learning
Analytics Technologies

Time-to-Adoption Horizon: Two to Three Years

Mixed Reality
Artificial Intelligence

Time-to-Adoption Horizon: Four to Five Years

Blockchain
Virtual Assistants

EDUCAUSE Horizon Report | 2019 Higher Education Edition at a Glance

Key Trends Accelerating Higher Education Technology Adoption

2019	2020	2021	2022	2023

Short-Term Driving Ed Tech Adoption in Higher Education for the Next One to Two Years

Redesigning Learning Spaces
Blended Learning Designs

Mid-Term Driving Ed Tech Adoption in Higher Education for the Next Three to Five Years

Advancing Cultures of Innovation
Growing Focus on Measuring Learning

Long-Term Driving Ed Tech Adoption in Higher Education for Five or More Years

Trends Inside and Outside Higher Education | Fall 2019

The Society for College and University Planning

Published 2019

Tags: **Higher Ed Trends**

How is the world changing outside of higher education, and how is higher education responding to change? This report focuses on trends both inside and outside higher education. We've organized *Trends* using STEEP:

- **Social:** How people work internally (psychology) and with each other (sociology)

- **Technology:** How people use technology (including hardware and software), how society relies on technology, and how technology affects society

- **Economic:** Macro- or microeconomics, including global trends, anything related to jobs and skills needed for jobs, and industry shifts

- **Environmental:** Our external surroundings, including sustainability and our evolving workplaces, cities, and living spaces

- **Political:** Public policy, governmental systems, the people within them, and the effects of government decisions on our citizens and communities

DIGITAL CREDENTIALS MASTERCLASS

led, Slovenia

"The conception of **education** as a social process and function has no definite meaning until we define the kind of **society** we have in mind."

John Dewey, Democracy and Education, 1915

DIGITAL CREDENTIALS MASTERCLASS

Bled, Slovenia
4-25 October 2019

"**Space** is not a scientific object removed from ideology or politics. It has always been political and strategic. Space, which seems homogeneous, which appears as a whole in its objectivity, in its pure form, such as we determine it, **is a social product.**"

Lefebvre Henri. La production de l'espace. In: L'Homme et la société, N. 31-32, 1974. Sociologie de la connaissance marxisme et anthropolgie. pp. 15-32.

Future Learning Spaces: new ways of learning and new digital skills to learn

- Learning Spaces are Personal Digital Spaces

- Learning Spaces are Connecting and Social Spaces

- Learning Spaces are Trusted Spaces

- Learning Spaces are Creative/Flexible Spaces

- Learning Spaces are Certified Spaces

- Learning Spaces are Motivating and Pleasant Spaces

- Learning Spaces are Controllable Spaces

- Learning Spaces as Knowledge Management Systems

- Learning Spaces are Inclusive Spaces

S ocial
T echnology
E conomic
E nvironmental
P olitical

European Commission Joint Research Centre | Institute for Prospective Technological Studies (IPTS)

Only **2%** of institutions have deployed **digital microcredentials** (including badging) institution-wide, but **29%** are expanding or planning their use.

—*EDUCAUSE Strategic Technologies, 2019*

About SWAYAM

SWAYAM is a **programme initiated by Government of India** and designed to achieve the three cardinal principles of Education Policy viz., **access, equity and quality**. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged.

AICTE
AICTE (All India council for Technical education)

CEC
Consortium for Educational Communication (CEC), New Delhi

IGNOU
Indira Gandhi National Open University (IGNOU)

IIMB
IIM Bangalore

NCERT
National Council of Educational Research and Training (NCERT)

NIOS
National Institute of Open Schooling (NIOS)

NITTTR
National Institute of Technical Teachers Training and Research

NPTEL
NPTEL

UGC
University Grants Commission

SWAYAM: FORTIFYING HIGHER EDUCATION SYSTEM IN DIGITAL ERA

Chandra Sekhar Pinipilli, Venkata Ramana Murthy Kudumula

FREE ONLINE EDUCATION
swayam

SWAYAM - NPTEL
LOCAL CHAPTER