

Educational leadership and value for money for students

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This presentation was presented at the IPCKBA Virtual Colloquium 2020,
1 September - 27 October 2020

Irons, A. (2020) 'Educational leadership and value for money for students'. Presented at: *IPGKBA Virtual Colloquium 2020, Malaysia, 1 September - 27 October 2020.*

Educational leadership and value for money for students

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10th September 2020

Objectives

- Discuss changes in education provision pre COVID-19, during and post COVID-19
- Consider the expectations of digital natives, millennials and Generation-Y
- Explore educational leadership in times of change and crisis
- Talk about value for money in education

Background

- Academic Dean for Faculty of Technology
- Professor in Computer Science
- National Teaching Fellow
- Vice President of BCS (chair Academy Board)
- Lead for Institute of Coding and for Sustainable Advanced Manufacturing Projects
- Honorary advisor to the MIMOS – SEGi Centre of Excellence in AI, Malaysia
- Senior Research Fellow at University of Johannesburg, ZA
- Subject specialisms and publications / conference papers in digital forensics and cybersecurity as well as in pedagogy

St Peters Shipyard, Sunderland



St Peters Campus, Sunderland



Leadership Experience

- Currently Dean for the Faculty of Technology
- University lead for “digital education”
- VP Academic for the professional body in computing in the UK
- Previously associate dean for learning and teaching
- Varied experiences but all have similar leadership challenges
 - Putting students at the centre of everything
 - Managing change
 - Dealing with resistance to change
 - Providing authentic leadership
 - Inclusivity – ensuring that everyone is treated equally

Leadership in Cybersecurity

- Interesting challenges – many organisations and individuals don't worry about it until something goes wrong
- Lessons learned from leading in cybersecurity
 - Identify risks
 - Evaluate threats and risk to operation
 - Communicate
 - Tackle in a timely fashion
- Parallels in leading in Higher Education
- Parallels in ensuring value for money

Leading in Higher Education

- Academic excellence and rigour
- Student experience
- World class research
- Broad community with different motivations
- Academic responsibility
- Civic and societal responsibility
- Balancing act
- Looking after staff and students – workload and capacity

Use of Technology in Leadership

- Many tools available to support and enhance – moving towards Education 4.0
- Utilise technology for inclusion
- Data analytics (also learning analytics for students)
- Smart campus
- Managing technology solutions – centrally (University) or locally (Faculty / School / programme) ?

Leading through COVID-19

- Ensuring teaching continuity and ability to “do business”
- Immediate call to arms and rapid problem solve
- Make use of existing infrastructure
 - VLE
 - Existing blended learning
- No detriment to students
- Managing threats, risks and expectations
- Robust policy and procedures
- Clear and inclusive communications

Leading through COVID and value

- Classroom pedagogy put online in March was acceptable in an emergency but not for long!
- Need to do better but recognise can't do top quality for start of academic year 2020/21
- Staff still needed to take annual leave during the summer
- Staff need more time to develop materials for online – inevitably impact research and knowledge exchange activities
- Plethora (internal and external) guidance how to teach online and training sessions

Leading post COVID-19

- Learning the lessons
 - Respond, recover, review
- What have we learned from no detriment
- Blended learning to hybrid learning
- Planned changes
 - Flipped classroom
 - Problem based learning
- Restructuring education provision
- Evolving pedagogy
- Lasting legacy of change
- Embracing Education 4.0

Student Expectations

- Student body
 - Students are creative, adaptive, resourceful and business like
- Cost of education / student debt
- Technology
 - Students are used to technology providing timely, high quality and easily accessible output
- Access to education
 - Ease of access and access when they want
 - Quality of materials
 - Today's students think differently and cope with multiple inputs at the same time
- Employability

Value Added

- What the degree or qualification gives for the cost of student fees
- Skills for life
- Employability
- Quality of learning environment
 - Resources
 - Materials
 - Delivery
 - Standards
 - Accreditation
- Additional opportunities
 - Internships / placements / work experience
 - Extra curricular

Educational Leadership and Value Added

- Enable the breadth of opportunities
- Look outside the box
- Create USPs
- Embrace diversity and inclusivity
- Career structure for academic and support staff
- Celebrate and reward

What can we do as Leaders in Education ?

- Embrace the challenges and opportunities and communicate direction of travel
- Consider impact of change on students, academics and support staff
- Ensure cost effective and workable solutions
- Be inclusive
- Celebrate successes

Thank you and any questions ?

