Amplifying learning in higher education through interventional tools of culturally responsive pedagogy and technology-centric learning

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Education

Interaction between student and faculty

Diverse cultures

Effective learning outcomes

Globalization

Technology

Learning styles
Top host destination of international students worldwide in 2019, by number of students

- United States: 1,095,299
- United Kingdom: 496,570
- China: 492,185
- Canada: 435,415
- Australia: 420,501
- France: 343,400
- Russia: 334,497
- Germany: 282,002

Globalization
Technology
Learning styles
Culture: Roadmap to value and behavior
Handshake gone wrong?
Research proposes – Student Profiling

STUDENT PROFILING

TECHNOLOGY-CENTRIC EDUCATION
Culturally Responsive Teaching

Pedagogy that recognizes the importance of including students' cultural references in all aspects of learning

Source: (Ladson-Billings, 1994)
Culturally Responsive Teaching

- Interaction between student and faculty
- Diverse cultures
- Effective learning outcomes

Figure 1 | Eight Competencies for Culturally Responsive Teaching

1. Reflect on one’s cultural lens
2. Recognize and redress bias in the system
3. Communicate in linguistically and culturally responsive ways
4. Draw on students’ culture to shape curriculum and instruction
5. Collaborate with families and the local community
6. Bring real-world issues into the classroom
7. Promote respect for student differences
8. Model high expectations for all students

NEW AMERICA

Dr. Rao OLC 8
Benefits of culturally responsive education

- Prepare for global economy
- Build confidence in later life
- Promote empathy
- Reduce prejudice
- Foster creativity

Interaction between student and faculty
Diverse cultures
Effective learning outcomes
Situation pronounced: Pandemic

COVID-19's Staggering Impact On Global Education

Number of learners impacted by national school closures worldwide

Promote
- Student focused approach

Identify
- Unique strengths

Sense
- Achievement

Figures refer to learners enrolled at pre-primary, primary, lower-secondary, and upper-secondary levels of education, as well as at tertiary education levels. Source: UNESCO
Teaching strategies

Establish
- Inclusion
  - Case studies

Enhance
- Meaning
  - Connect to real-life

Integrate
- Concepts
  - Guest speakers
Research proposes - Technology Centric Education

STUDENT PROFILING

TECHNOLOGY-CENTRIC EDUCATION
Competency Based Learning

Develop Competencies

Process

Holistic learning

Mastery of Skills
Implementing Competency Based Education

- Design the course
- Infographics
- Videos
- Assignment
- Quiz (4)
- Mastery paths
- Link to content
New spin on traditional methods

- Sketches App
- Key Note
- Infographics
- Voice Threads
- Apps
Let’s connect!

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References


References


