HEIRA
Higher Education Innovation & Research Applications

Centre for the Study of Culture and Society
CSCS

UIC COLLEGE OF BUSINESS ADMINISTRATION
UNIVERSITY OF ILLINOIS AT CHICAGO

Mapping the Higher Education System

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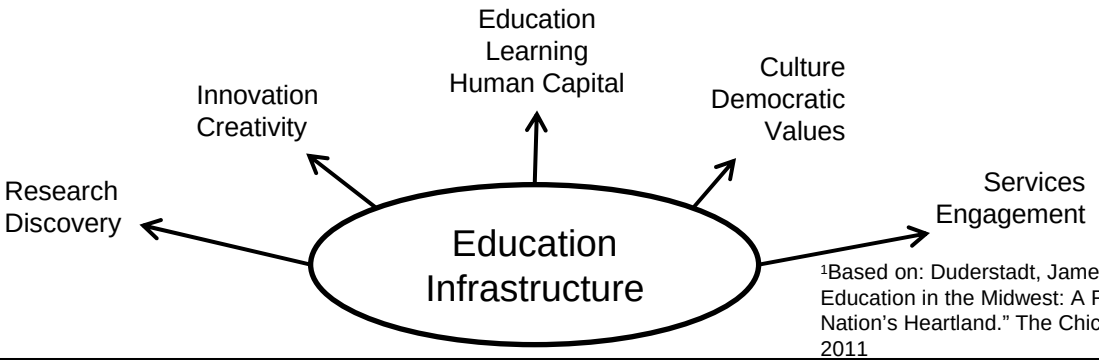
March 15, 2012

Acknowledgement: Karnataka Knowledge Commission, National Assessment and Accreditation Council

Knowledge Ecology of Karnataka[1]



[1]Based on: Duderstadt, James J. "A Master Plan for Higher Education in the Midwest: A Roadmap to the Future of the Nation's Heartland." The Chicago Council on Global Affairs, 2011

State-run Universities (22)
- General state universities (11)
- Specialized state universities (10)
- Open university (1)

Other Universities (20)
- Central university (1)
- Deemed to be universities (14)
- Private universities (2)
- National institutes (3)

University-like Institutes/Centers
University-like Corporate Entities
- R&D Centers
- Corporate workplace universities

Vocational Education
- Polytechnics (171)
- Industrial Training Institutes/Centers (600+)
- Job Orientation Courses

Colleges (~1228)
- Affiliated (?)
- Autonomous (~747)
- Constituent (~481)

Auxiliary Education
- Tutorial programs
- Coaching classes

Cultural Resources
- Traditional knowledge centers and individuals
- Libraries
- Museums
- Performing Arts

Schools (KSB, CISCE, CBSE)
- Government
- Private unaided
- Private aided

Informal Education
- Community groups, NGOs, CSOs
- Religious groups
- Extracurricular activities
- Sports and games

An Ideal Higher Education (HE) System

State				Scope		Function		Focus		Outcome	
The	[+]	Premier	[institution in the]	World	[in]	Research	[in]	Sciences	[for]	Scientific	[development in a knowledge society]
A/An		Leading		Region		Education		Professions		Technical	
		Advanced		Country		Service		Vocations		Economic	
		Basic		State/Province				Arts		Social	
				City				Humanities		Cultural	
								Religion			

Low count

Medium count

High count

- The premier institution in the world in research in sciences for scientific development in a knowledge society.
- A basic institution in the city in service in arts for cultural development in a knowledge society.
- An advanced institution in the country in education in sciences for social development in a knowledge society.
- A leading institution in the state/province in research in professions for technical development in a knowledge society.
- …and many more

State-of-the-Aspiration of the Saudi University System[1]

Aspiration		Scope		Function		Focus		Outcome	
Premier (2)	[university in the]	**World (10)**	[in]	**Research (22)**	[in]	**Sciences (9)**	[for]	**Technical (12)**	[development in a knowledge economy]
The		Middle East (4)		**Education (42)**		**Professions (19)**		**Economic (12)**	
A (2)		**Saudi Arabia (SA) (23)**		**Service (21)**		Vocations (2)		**Social (11)**	
Leading (18)		**SA Region (7)**				**Religion (6)**		**Cultural (6)**	
The (7)		SA City (1)				Arts (4)			
A (11)									
Advanced (9)									
The (3)									
An (6)									
Basic									

[1]Acknowledgement: Shazia A. Sathar, University of Illinois at Chicago, helped collect and analyze the data presented in this slide.

Mapping the States of the HE System

- State-of-the-Aspiration
  - Mission and vision statements, objectives, leaders' speeches, strategic plans
- State-of-the-Practice
  - Assessment/Accreditation data
  - Outcome data, graduation statistics
  - Survey data
- State-of-the-Need
  - Economic projections
  - Industry projections
  - Survey data

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Gap Analysis

State-of-the-Aspiration

State			Scope		Function		Focus		Outcome
The	[+]	Premier	World	[in]	Research	[in]	Sciences	[for]	Scientific
A/An		Leading	Region		Education		Professions		Technical
		Advanced	Country		Service		Vocations		Economic
		Basic	State/Province				Arts		Social
			City				Humanities		Cultural
							Religion		

[institution in the]

[development in a knowledge society]

Low count
Medium count
High count

Performance gap

State-of-the-Need

State			Scope		Function		Focus		Outcome
The	[+]	Premier	World	[in]	Research	[in]	Sciences	[for]	Scientific
A/An		Leading	Region		Education		Professions		Technical
		Advanced	Country		Service		Vocations		Economic
		Basic	State/Province				Arts		Social
			City				Humanities		Cultural
							Religion		

[institution in the]

[development in a knowledge society]

Expectation gap

State-of-the-Practice

State			Scope		Function		Focus		Outcome
The	[+]	Premier	World	[in]	Research	[in]	Sciences	[for]	Scientific
A/An		Leading	Region		Education		Professions		Technical
		Advanced	Country		Service		Vocations		Economic
		Basic	State/Province				Arts		Social
			City				Humanities		Cultural
							Religion		

[institution in the]

[development in a knowledge society]

Alignment gap

Making the HE Elephant visible …

To the wise women and men who plan the HE system…