

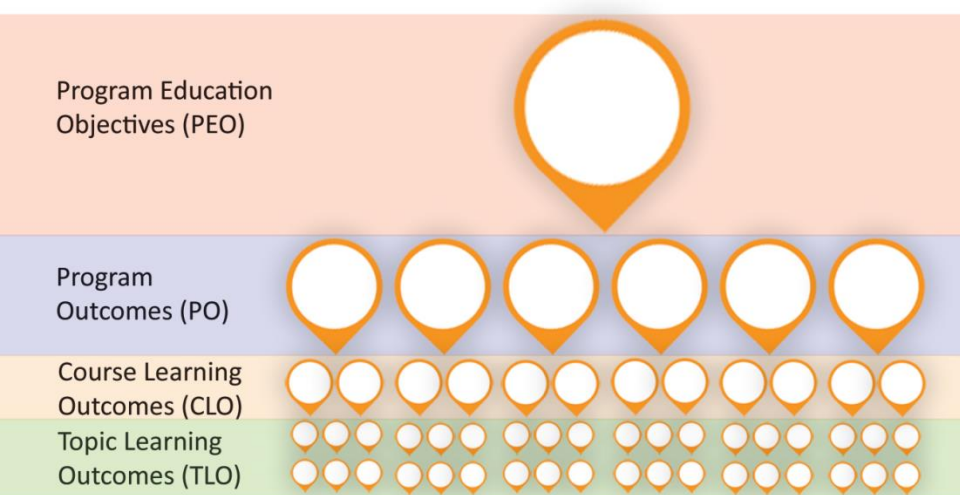


Curriculum Design for Outcome Based Education

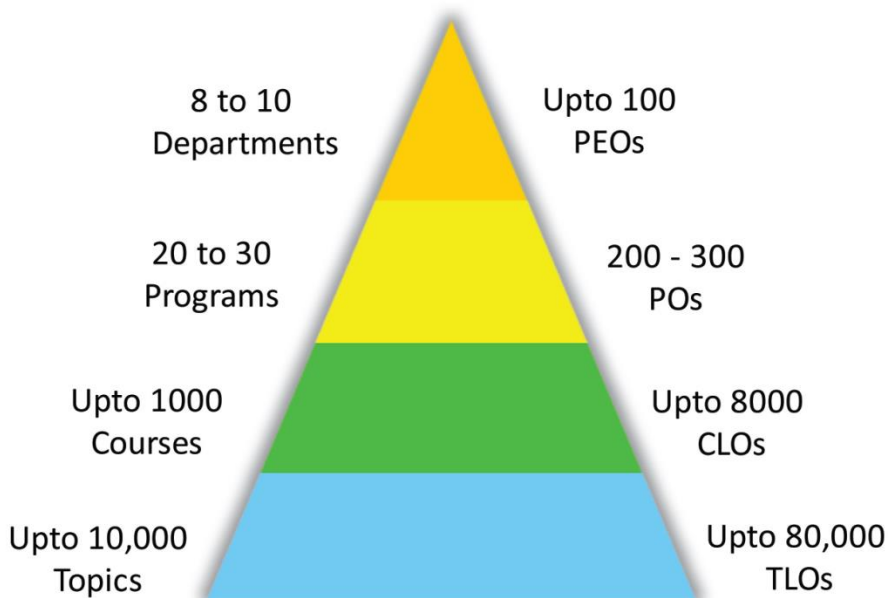


The education system is increasingly being brought under the accountability scanner. It needs to demonstrate efficacy in preparing students for employability. In addition to imparting required skills and adequate knowledge of the subject matter, the education system has to produce critical thinkers and good communicators.

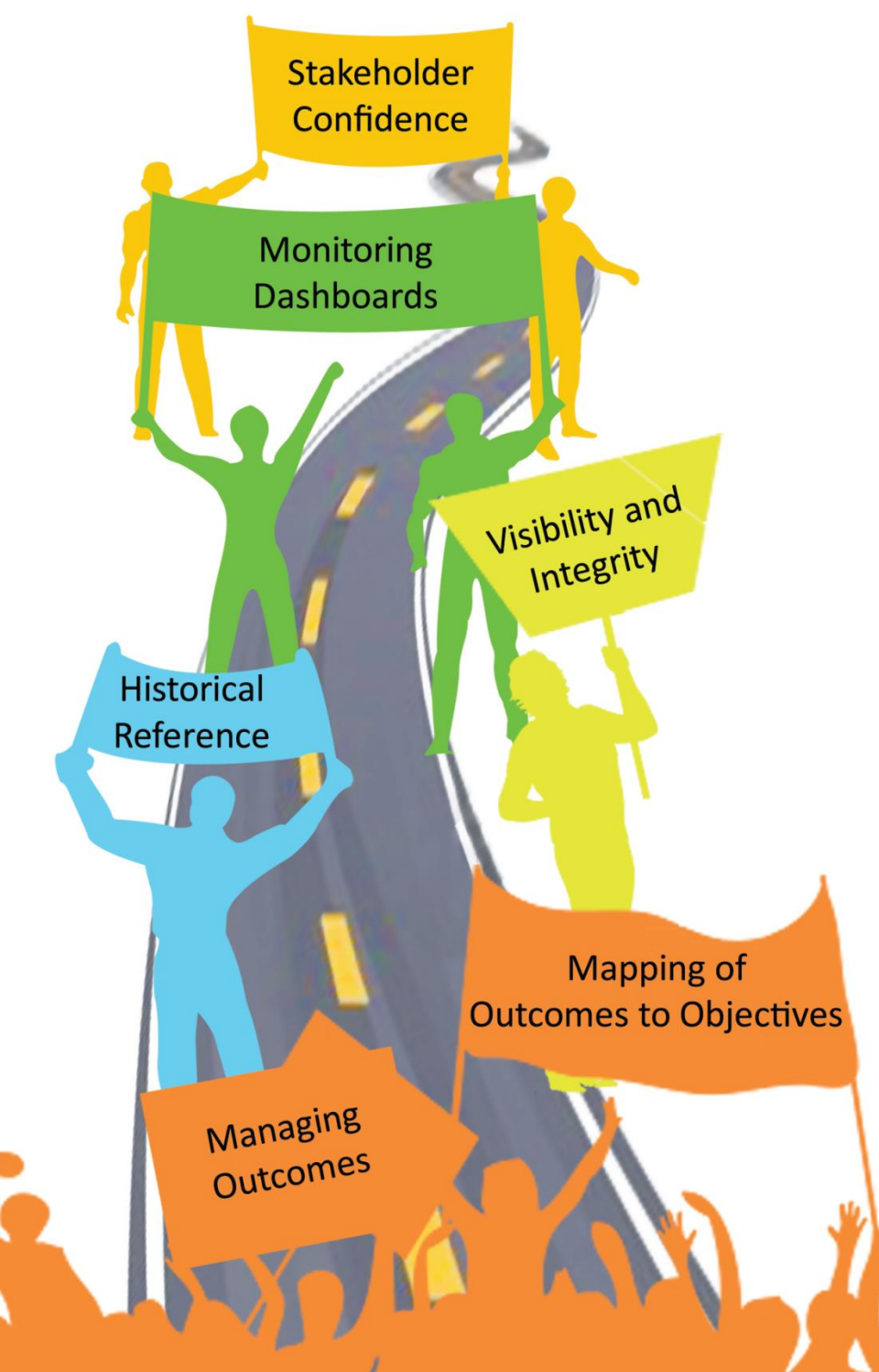
Keeping this underpinning principle of accountability in mind, IonIdea's IonCUDOS provides the whole shebang of curriculum design and outcome based education planning. It integrates the inputs of all stakeholders: industry, alumni, professors, university administrators, accrediting boards and governance bodies into the process of purposeful education planning.



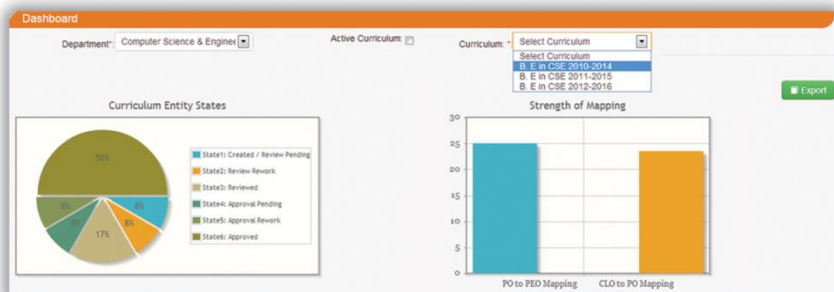
The Scale is Staggering



Ion**CUDOS** is an innovative platform that enables planning and design of curriculum through structured mapping and monitoring of outcomes at all levels to attain the desired educational objectives...



PURPOSEFUL EDUCATION



Curriculum List

Show 10 entries Search:

Curriculum	Program	Dept	From	To	Owner	View Progress	PEO Creation	Import	Edit	State
B. E in CSE 2010-2014	Bachelor of Engineering in Computer Science	CSE	2010	2014	Anderson Tan	Progress	Initiated	Data Imported		
B. E in CSE 2011-2015	Bachelor of Engineering in Computer Science	CSE	2011	2015	Anderson Tan	Progress	Pending	Import Data		
B. E in CSE 2012-2016	Bachelor of Engineering in Computer Science	CSE	2012	2016	Anderson Tan	Progress	Pending	Import Data		

Mapping of Course Learning Outcomes (CLOs) to Program Outcomes (POs) Coursewise

OBE Elements	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	Program Outcome (PO)
Data Structures with C												e. Ability to identify, formulate problems and design, construct software systems of varying complexity.
1. Apply the concepts like pointers, structures, files, recursion to write C programs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Course Learning Outcomes (CLO) undefined
2. Implement standard data structures like stack.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Performance Indicators (Pi) & Measures

- ☒ State responsibilities with projects/ assignments teams
- ☐ Fairly distribute the responsibilities among the team members.
- ☒ Prepare a work schedule with appropriate deadline.

Lesson Plan Report

Course Plan Course Content Chapter-wise Plan

Curriculum: B. E in CSE 2012-2016 Term: Third Semester Course: Data Structures with C

Semester: Third Semester

Course Plan: B. E in CSE 2012-2016

Course Title: Data Structures with C	Course Code: CSC214
Total Contact Hours: 4	Duration of SEE: 3
SEE Marks: 50	CIE Marks: 50
Lesson Plan Author: prof.gopal h. joshi	Date: 2013-11-24
Checked By: prof.abhinav b angadi	Date: 2013-11-26

Prerequisites

- Adv Data Structures & Algorithms (CSE301)
- Advanced C Programming (CSO404)

Course Learning Objectives (CLOs):

At the end of the course the student should be able to:

- Apply the concepts like pointers, structures, files, recursion to write C programs.
- Implement standard data structures like stack, queues, lists and trees
- Judge the performance among alternative data structure, implementation combinations.
- Illustrate the use of standard data structures using relevant applications
- Choose appropriate data structures to effectively model the information in a problem

Program Articulation Matrix Report

Curriculum: B. E in CSE 2011-2015 Term: Seventh Semester Core Course

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Information Security(CSC408)	X				X						
Computer Graphics and Visualization(CSC409)							X	X			
Compiler Design(CSE 407)	X	X		X		X		X		X	

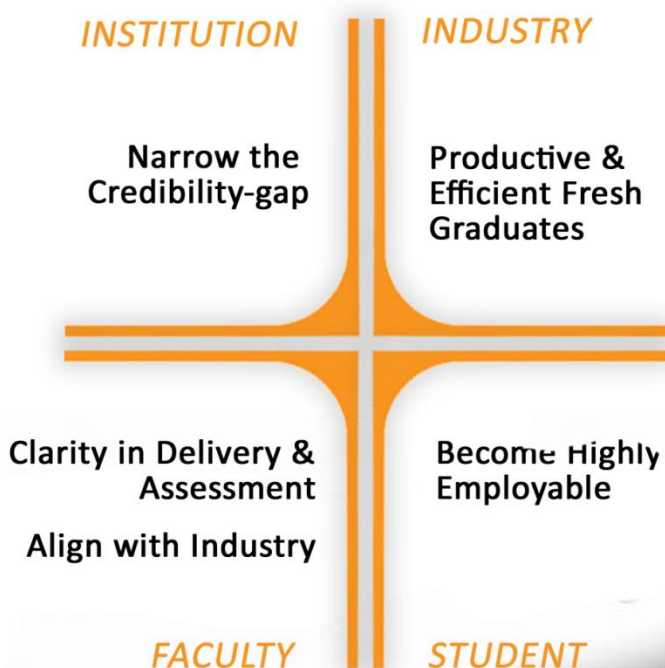
Program Outcomes (PO)

PO1: Ability to apply knowledge of math, science and engineering to provide computing solutions.

PO2: An ability to analyze a problem and identify and define the computing requirements appropriate to its solution.

PO3: An ability to design and implement, a computer-based system, process, component, or program to meet desired needs

Ion**CUDOS** Value to Stakeholders



TRANSFORM YOUR EDUCATION DELIVERY WITH Ion**CUDOS**

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Ionidea Inc. believes that education can be transformed through innovative application of technology both in the management of lesson delivery and in the techniques employed in instruction design and content delivery. Through years of experience in delivering various forms of IT solutions, Ionidea has created IonCUDOS with the vision of enabling our universities with tools through which they can control and demonstrate their accountability to society and industry.

With the primary ethos that every student can learn and succeed we are committing IonCUDOS to be part of the transformation unleashing in campuses of learning worldwide shifting to outcome based approach. Use IonCUDOS to focus your content, instruction strategy and assessment methods to attain the intended outcomes. IonCUDOS provides the entire spectrum of functions from curriculum design to curriculum assessment.

Ionidea brings you the optimal mix of expertise in information technology and business processes to develop and implement business sentient solutions.

