Assignment No: 01

Assignment Title: To develop the problem under consideration and justify feasibility using concepts of knowledge Canvas and Idea Matrix

IDEA Matrix:

A SYSTEMIC KNOWLEDGE INNOVA TION:

"*Innovation is not merely idea + value, but it is the application of knowledge to change the world and deliver knowledge value*"

What separates knowledge organizations from ordinary organizations is the ability to innovate knowledge. While ordinary organizations run for projects, trying to hoard customers, play value, and competitive tactics-knowledge organizations innovate knowledge, and expand knowledge horizons. They create new knowledge opportunities. Knowledge organizations fundamentally approach business in different ways, what we call Systematic Knowledge Innovation.

A SYSTEMIC KNOWLEDGE INNOVA TION-BASED RAMEWORK:

Organization reinvention requires disciplined framework, A solid framework for SKI is required; otherwise, following SKI would become more difficult. To build and practice Systemic Knowledge Innovation strategy, we have developed a new framework 'IDEA'. This framework is applied to more than a dozen successful organizations and over dozen emerging organization. 'IDEA' framework focuses on the highest leverage points of knowledge building, and knowledge flow optimization in the Organization. The framework is based on flexibility and simplicity, while applying knowledge concepts.

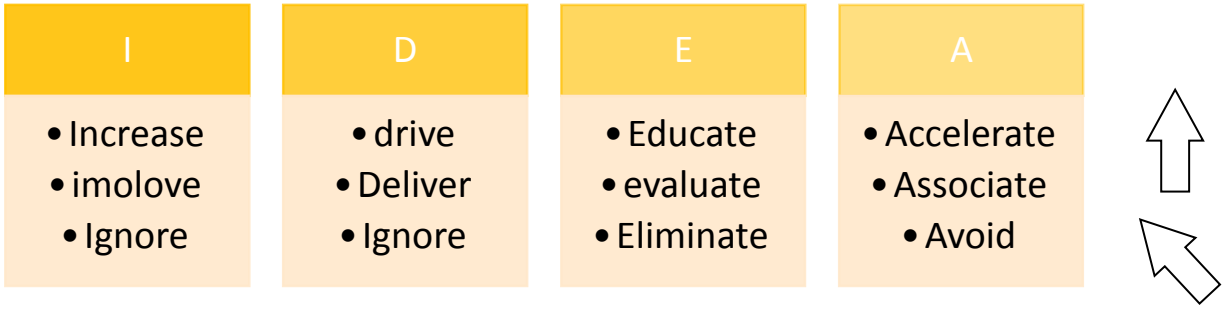

Fig.1: IDEA Framework of Systemic Knowledge Innovation

I

Increase: Which aspects need to be increased substantially, to help in building knowledge and systemic understanding?
Improve: Which relevant skills need to be improved to innovate?
Ignore: Which factors need to be ignored related to temporary and short-term results, and not relevant competitive parameters?

D

Drive : Which factors need to be driven to build systemic understanding?
Deliver : Which factors need to be delivered at different levels?
Decrease : Which factors need to be decreased exceptionally?

E

Educate : Which counterparts need to be educated, especially to improve knowledge efficiency?
Evaluate : Which relevant petameters are needed to be evaluated?
Eliminate : Which factors to be eliminated, to overcome hurdles in knowledge building?

A

Accelerate : Which parameters to be accelerated beyond regular speed?
Associate : Which factors to be associated to build a knowledge view?
Avoid : Which of the factors to be avoided?

IDEA matrix for the Project

I	D	E	A
Increase: 1. Mobility 2. Performance 3. Security	***Drive***: 1. Awareness 2. Direct & indirect impact of precision	***Educate***: 1.Internet of Things 2.Cloud Computing 3.Machine Learning	***Accelerate***: 1. Connectivity 2. Concurrency
Improve: *1. Independency* *2. Accuracy* *3. Connectivity*	***Deliver:*** *1.Hardware to monitor agricultural field* *2. Application*	***Evaluate***: 1.Manufacturing Association of result 2.System impact	***Associate***: 1.Availability 2.Reliablity
Ignore: *1.Competitor strategy of more destination*	***Decrease***: 1.Risk associated with automation 2.cost 3. power consumption	***Eliminate***: 1.dependency	***Avoid***: 1. Traditional techniques 2. On-premise hardware

Conclusion: Hence, we have studied the problem under consideration and justify feasibility using concepts of knowledge canvas and idea matrix.