

LADY WILLINGDON INSTITUTE OF ADVANCED STUDY IN EDUCATION
CHENNAI 600 005

7.2.1 Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC:

[lwiasc - YouTube](#)

Title of the Practice: Augmenting higher order thinking skills

Objectives of the Practice:

- To enhance the problem-solving skill among students
- To develop questioning skill
- To relate the knowledge from simple to complex
- To acquire effective communication skill
- To attain problem solving skill
- To improve students' participation with problem based learning

The context and Practice:

Resource person: Dr.Bala Muralidharan “Balakrishnan Sultan Idris Edn.uni Malaysia”

Education is kindling the flame not feeling the vessel of mind. We have to develop creative thinking and problem-solving skills among students. How to think effectively or teacher who make the child think actively using higher order thinking will help the child to be success. In order to think effectively and apply the skills what they have learnt lead to higher order thinking that is insight learning.

Education is moving to a new paradigm. We Must develop 21st century skills among students to develop communicative skill. We need to emphasis on six C's that is communication, collaboration, critical & creative thinking, character and citizenship. Critical and Creative thinking is fundamental in higher order thinking. Now a days we have student centered teaching. The teacher must teach according to student's interest skills and attitudes. In this 21st century, teacher should possess characteristic learning style Teacher is learner, creator technologist, collaborator, orator scholar and experimenter.

Today we use technology I like social media to collaborate with other educator's and work. Teachers have to be scholars and researchers to teach new learning methods. Students have to be creative and critical mind set creative and critical thinking means becoming aware of the following

- new methods to be implemented in our classrooms
- connecting one idea to another
- searching for ways to integrate ideas and construct new ones
- examining a problem in a new way
- Finding original and feasible solutions
- using the mind in prolific way to initiate and apply in new situation

Strategies for developing students' creativity

Encourage the equation of domain specific knowledge and skills. Students cannot be creative in a domain if they do not have knowledge about the domain

Educator's must develop their own understanding and about the types of creativity that they are going to encourage in classroom. A good way to help students learn about creativity is for a teacher to reveal their own creativity, so we expect all the students to be independent innovative and creative thinkers. To develop critical and creative thinking we need a tool. Design thinking is a tool to develop critical and Creative thinking which is the user centered tool. It refers to the methods and processes for investigating ill-defined and wicked problems looking for new perspectives and solutions. It can be used in education in many countries to design our teaching methods and pedagogical status. Certain steps followed in design thinking

Empathize: Understanding the needs of those who are designing

Define: framing problems are opportunities for solutions.

Ideas: generating a range of possible solutions

Prototype: communicating the core elements of solutions to others

Test: learning what works and doesn't work to improve solutions.

Design thinking is understood as a complex thinking process expressing the introduction of design culture and its methods in the fields such as educational innovation. Students must play design and discover on their own and give them suitable environment for critical thinking. If the students have critical and creative thinking, they become innovators.

Evidence of success

Day – 1

[Augmenting Higher Order Thinking | Day 1 - YouTube](#)

Augmenting Higher Order Think | Day 1

559 views • Streamed live on Jul 22, 2020

Design Thinking: A New Paradigm for Creative & Critical Thinking

Balamuralithara Balakrishnan
Sultan Idris Education University,
MALAYSIA

Top chat replay

- Harini G Good morning mam
- Dr. Muthukumari Jayapaul Good morning mam
- Dashrath Sharma Good Morning
- LEELAB BD037 good morning to all
- ganes an good morning to all
- LEELAB BD037 good morning
- MARY R Good Morning to All
- KALPANA K good morning mam
- Raji G good morning mam
- mercy magnita Good morning to all

2:00 PM 7/28/2020

Day – 2

[Augmenting Higher Order Thinking | Day 2 - YouTube](#)

Augmenting Higher Order Thinking | Day 2

520 views • Streamed live on Jul 23, 2020

Top chat replay

- Neenalvo Oru Paravai good morning
- 314 K.VANAPETCHI.History Petchi good morning Mam 314 Vanapetchi
- vinash handmade gifts good morning mam
- KALPANA K good morning mam
- HS21-2565 Pradeepa R good morning mam
- 116s.vinidha vinitha good morning mam
- 634 P.Shobana good morning mam
- 306 R.KALPANA 306 R.kalpana gud morning mam
- Devi.s 104 good morning mam
- KOKILA CHANDRAN good morning mam
- Balamuralithara Balakrishnan HI All, good day.
- Hasini Hasini Kalpana 307 Good morning mam
- Dadireddy Gowtham Reddy Good morning
- 404 Priyatharshini p good morning
- Sangeetha Devaraj good morning mam
- 517sgkaveya good morning mam

HIDE CHAT REPLAY

As a result of augmenting higher order thinking skills webinar our students have confident to meet day-to-day problems. They got self-confident to face all competitive exams in their career.