

Effective Teaching and Learning

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Objectives

At the end of the session the participants will be able to -

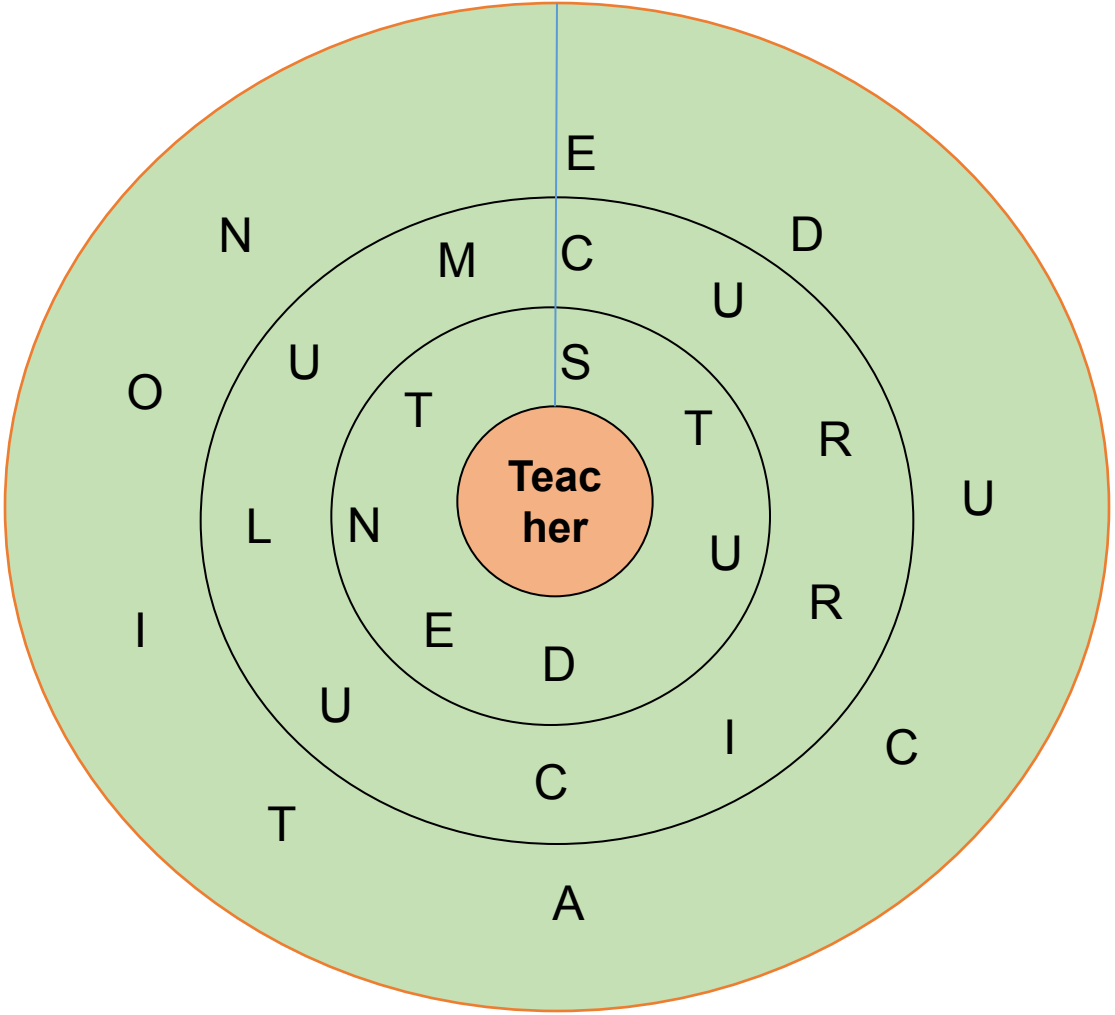
- define effective teaching and learning
- describe how students learn
- narrate the characteristics of high quality teaching and learning
- identify the conditions necessary for high quality teaching and learning
- mention issues for effective teaching learning

ভূমিকা

“পড় তোমার সৃষ্টি কর্তা প্রভুর নামে”

“জ্ঞান অর্জনের জন্য প্রয়োজন হলে সুদূর
চীন দেশে যাও”

“নিজেকে জানো”

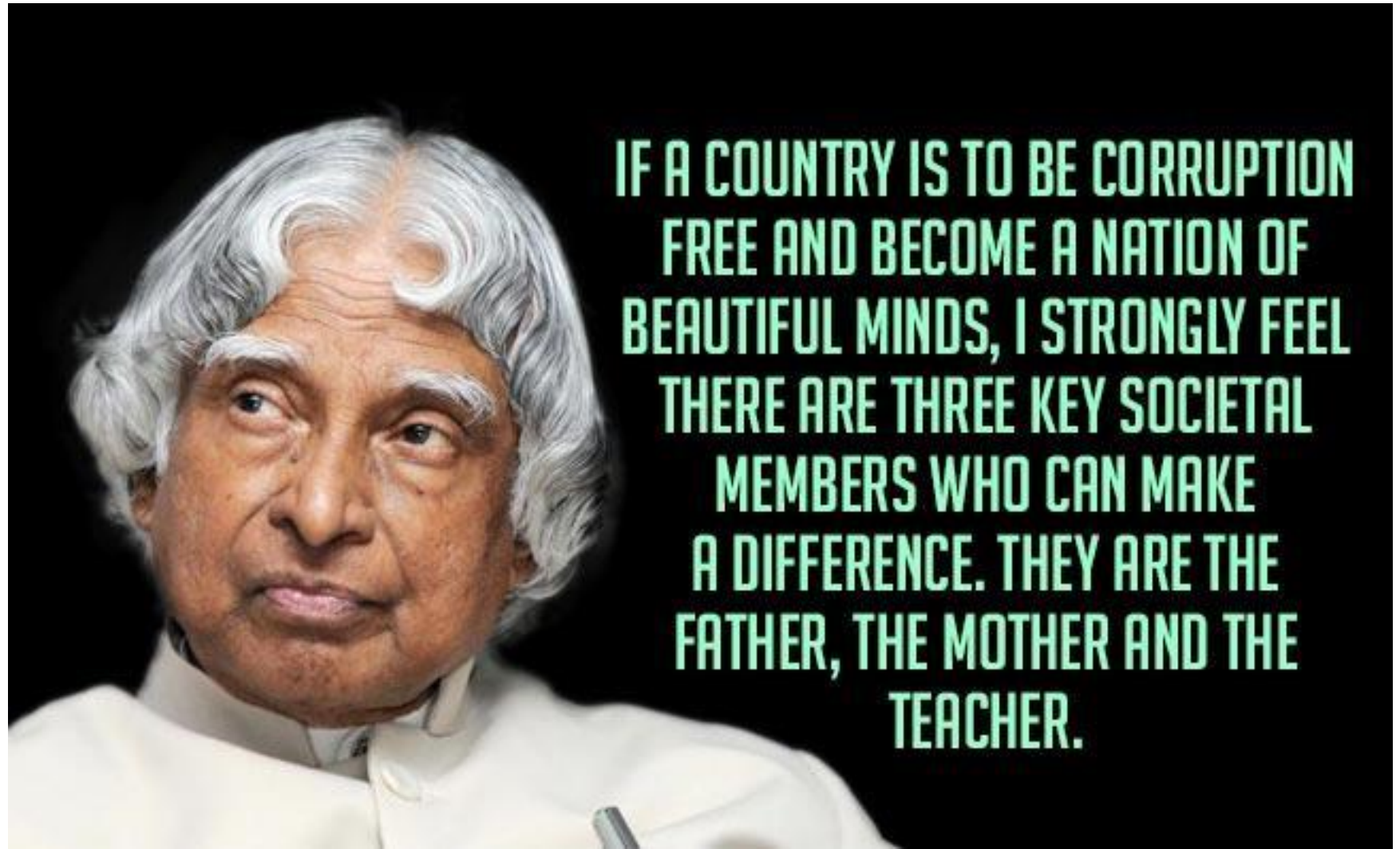


Education

E = Energy
D = Development
U = Utilisation
C = Culture
A = Art
T = Talent
I = Ideal
O = Obedience
N = Nation

Student

S = Study
T = Truthfulness
U = Unity
D = Discipline
E = Energy
N = Neat & clean
T = Treasure



IF A COUNTRY IS TO BE CORRUPTION
FREE AND BECOME A NATION OF
BEAUTIFUL MINDS, I STRONGLY FEEL
THERE ARE THREE KEY SOCIETAL
MEMBERS WHO CAN MAKE
A DIFFERENCE. THEY ARE THE
FATHER, THE MOTHER AND THE
TEACHER.

Teacher

T = Teaching/Timeliness/Talent/Trusted

E = Efficient/Effective

A = Attentive / Attractive

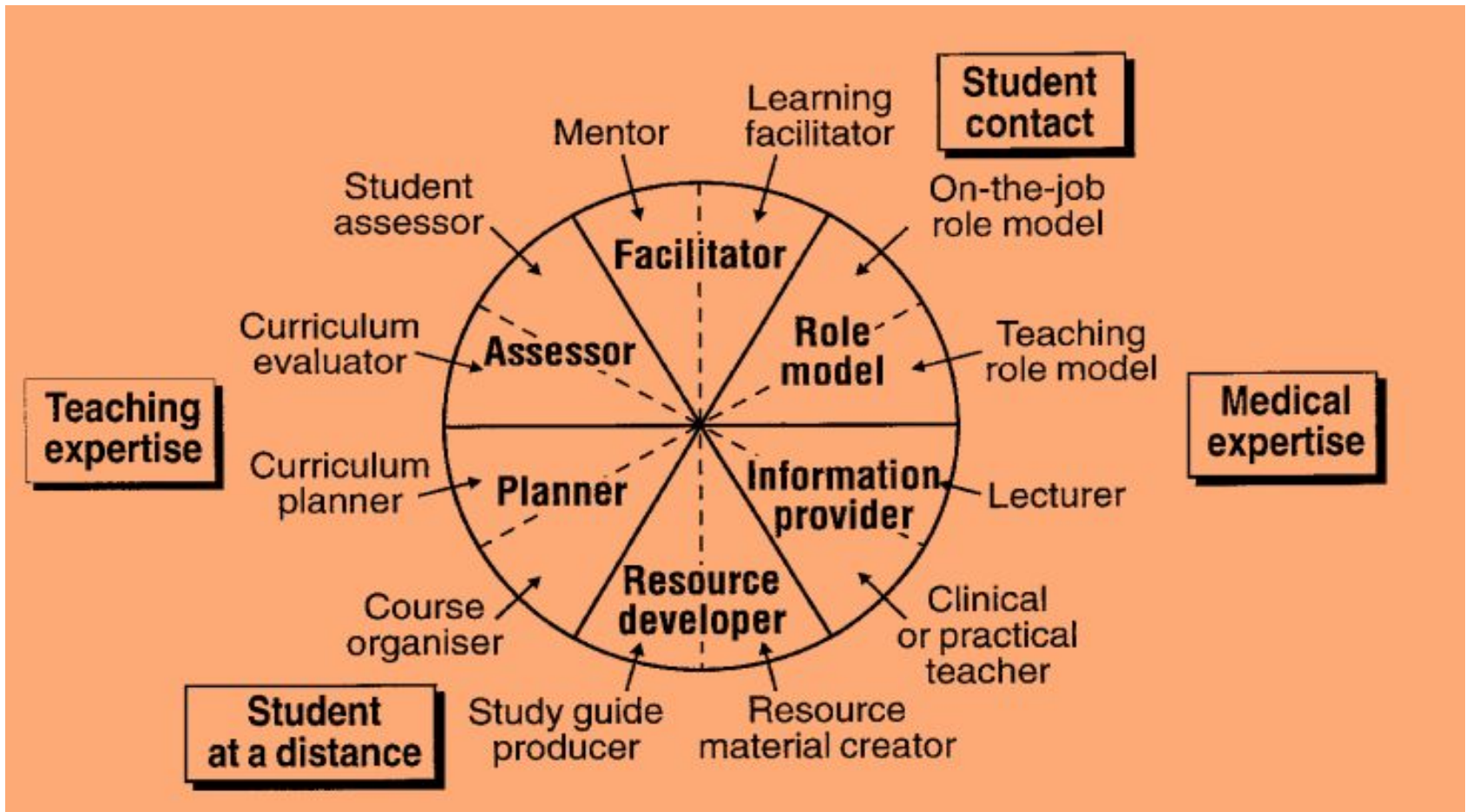
C = Good Character/Couragious

H = Honest

E = Expected person of students/Ethical

R = Rational / Realistic

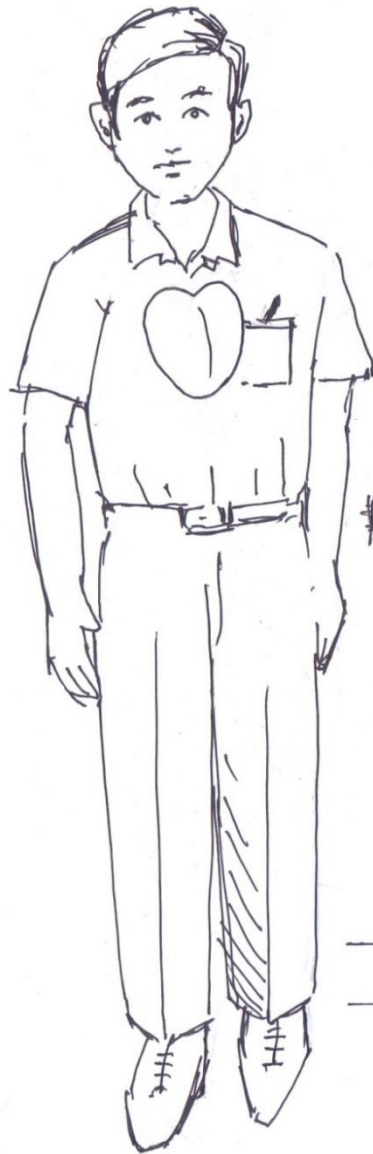
The twelve roles of the teacher



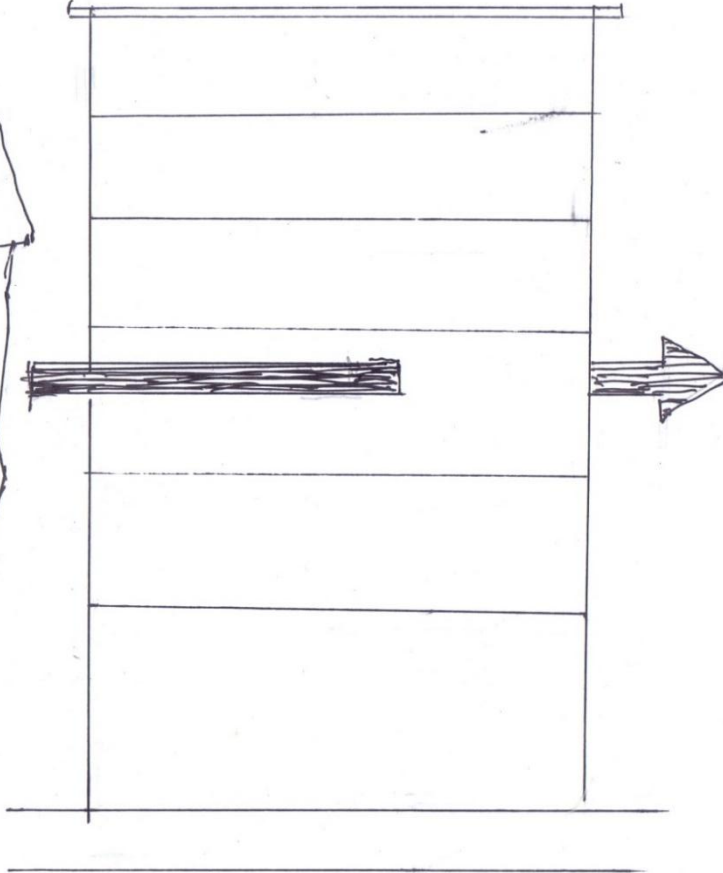
R.M. Harden, Joy Crosby (2000) AMEE Guide No 20: The good teacher is more than a lecturer - the twelve roles of the teacher, *Medical Teacher*, 22:4, 334-347

Teaching

- Teaching is usually meant to impart or transfer knowledge
- Teaching is concerned with providing students opportunities to learn



HPE Institutes



Knowledge

Attitude

Skill

Why?

At the end of the HPE Course students do not -

- Acquire required sufficient knowledge?
- Do not develop the necessary professional skills to practice independently ?
- Do not develop appropriate attitudes to practice with sympathy and empathy ?

Why Teaching Methods?

- Teaching method is the stimulation, guidance, direction and encouragement for learning
- Medium of transformation of contents to students for practice
- To ensure learning
- For behavioral change
- Change in performance

Teaching

- Organised communication
- Interactive process
- Activity concerned with learning
- Providing opportunities to learn
- Creating learning experiences to build, develop and nurture thinking ability

Effective Teaching

Must be---

- Organized
- Stimulating
- Encouraging
- Develops positive attitude
- Achieves goal
- Builds self-directed learner

Learning

Learning is to understand by students those have been taught by teachers to reproduce for passing course work, practical and written exam.

Learning

Learning is--

- Constructive and active process
- Undertaken by individual learner
- Takes new information and builds it on existing knowledge
- Cognitive structures which the learner builds are influenced by the structure and organization of the information

Effective Learning

- Objectives are clearly understood by the learner
- Scope of frequent brief practice
- Specific feedback to identified errors
- Reinforcing practice of correct elements

Most of the teachers want to be better teachers, by trying to--

- Improve the way they interact with students
 - Be a better communicators
 - Use audiovisual aids better
- “ But we don't try to understand how students learn”**

How Students learn?

They adopt two approaches :

- Surface approach - learning the words
- Deep approach- comprehended the ideas behind the words

Adoption of approach depends on---

- Teaching Methods
- Assessment
- Environment

Surface Approach

- Teaching session - factual information
- Examination requires - regurgitation

Deep approach:

•Teaching session \Rightarrow promote thinking
ability

•Examinations \Rightarrow problem-solving



Deep approach

Out Comes of Deep Approach

Deep approach



Self -directed learner



Life - long learner



Autonomous

Teacher's Responsibility

Not to transfer his /her knowledge to students but to prepare them for a never ending searching for knowledge

Characteristics of High Quality Learning

- Long term retention of the knowledge
- Perceive relations between old and new knowledge
- Create new knowledge
- Apply one's knowledge to solve problems
- Communicate one's knowledge to others
- Wanting to know more
- Become life-long learner

Conditions Necessary for High Quality Learning

- Occurs when the learner-
 - is ready for learning
 - has a reason for learning
 - can relates previous knowledge to new
 - is active during the learning
- Occurs when the environment offers adequate support for the learner

Others Issues for Effective Teaching Learning

- Teaching Learning Strategy
- Role of Audio Visual Aids
- Psychology of memory
- Different dimensions of learning (Processing time/ Brain facts)
- Learning Styles
- Curriculum & Environment



Thank You