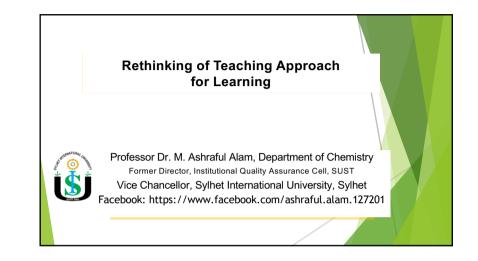
## Teaching Learning and Assessment: Techniques and Methods

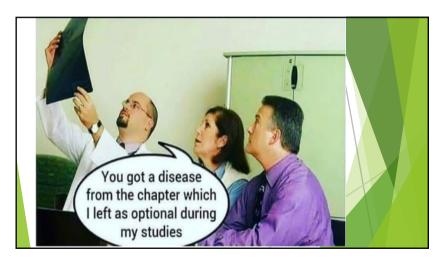
Institutional quality Assurance Cell (IQAC) Rajshahi University

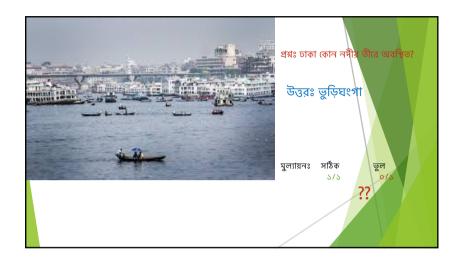
Professor Dr. M. Ashraful Alam Department of Chemistry, SUST (Lien) Vice Chancellor Sylhet International University, Sylhet Cell: 01718364976,

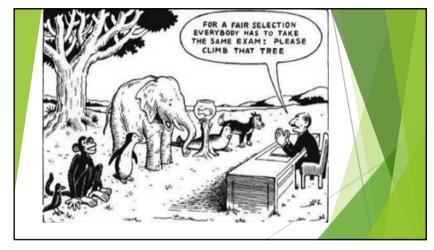
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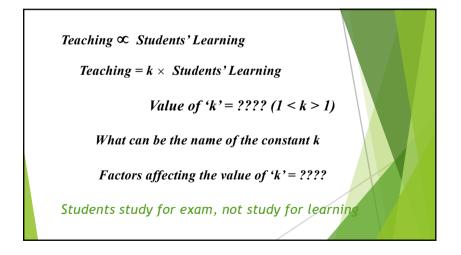


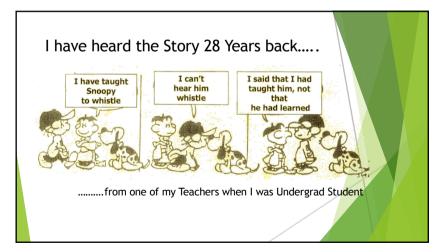












To be called teaching learning must occur - without assessment we don't know if learning is occurring - therefore without assessment it can't be called teaching

"The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires."

~William Ward

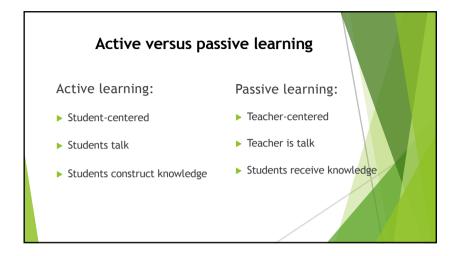
"The average teacher explains complexity; the gifted teacher reveals simplicity."

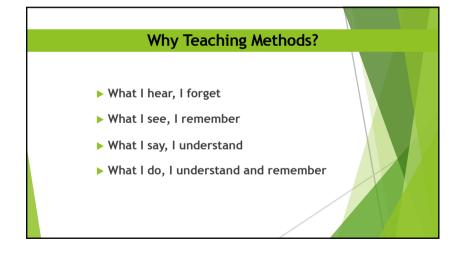
~ Robert Braut

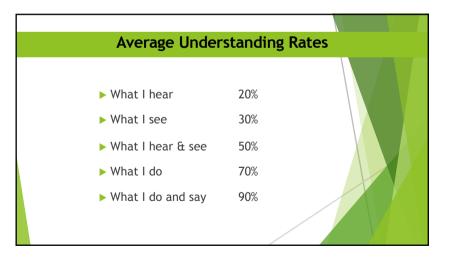


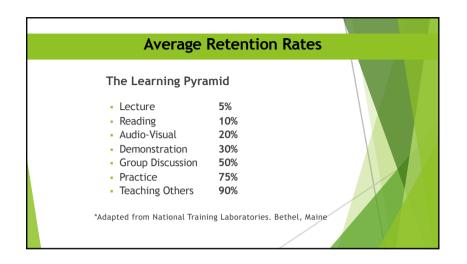
Strategies for engaging learners: addressing diverse approaches to learning

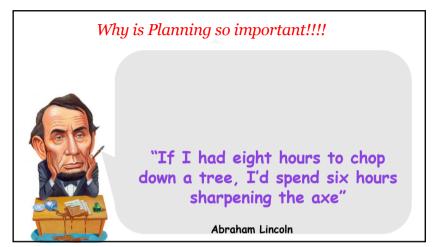
## Motivations for learning Deep learners: learn for the sake of learning Intrinsically motivated Tend to embrace and enjoy challenge Surface learners: avoid failure Extrinsically motivated Avoid challenge at all cost Strategic learners: earn good grades Extrinsically motivated Organized form of surface learning Tend to avoid challenge, especially if it is incompatible with good grades



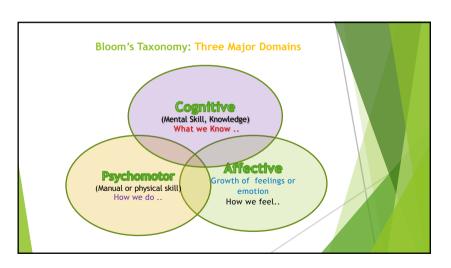












BNQF Learning Domain: skills as the Learning Outcome Domain Thinking Domain Fundamental Domain learning to learn, Discipline specific decision-making. knowledge and application problem solving and entrepreneurship Social Domain Personal Domain life-long learning, selfcommunication and direction, integrity, community engagement, citizenship, be active ability to coordinate, listeners, time instruct, negotiate, management, team persuade building

Fundamental Domain

1. Demonstrate knowledge and critical understanding of the well-established principles of his/her field of study, and of the way in which those principles have developed;

2. Apply concepts and principles outside the context in which they were first studied—in an employment context;

3. Apply knowledge and skills in addressing issues/solving problems

4. Evaluate critically the appropriateness of different approaches to solving problems in his/her field of study;

5. Support supervision of junior staff via a mentor or a leader/manager

6. Display advanced digital literacy which is adequate to perform complex tasks and bring about solutions.

Thinking Domain

1. Exercise very substantial degree of autonomy and often significant responsibility in making judgments/decisions towards the management of self, others

2. Demonstrate professional knowledge and practical skills in both technical and management to lead a team in inexperienced environment.

Social Domain
1. Communicate and interact effectively and clearly, ideas, information, problems and solutions in Bangla and English;
Express her/himself fluently and spontaneously in English and Bangla;
Use language flexibly and effectively for social, academic and professional purposes;
Produce clear, well structured, detailed text on complex subjects in Bangla and English;

2. Demonstrate the ability to incorporate entrepreneurial skills in planning daily activities;
Display civic literacy and knowledge, exercising civic rights and obligations at all levels as well as participating in changes for the improvement of Bangladesh society

Personal Domain
1. Engage in self-direction and self-enterprise skills;
2. Demonstrate social, professional, environmental and ethical practice/ values;
3. Show-case global knowledge and competencies to fulfil employment, entrepreneurial and lifelong learning skills
4. contribute significantly to the society



Graduation and Masters: Shahjalal University of Science and Technology, Sylhet Ph. D. (Japan, 2005), Postdoc. (Japan, 2013) Lecturer: October 1996, Department of Chemistry

Professor: June 2010 Professor (Grade-1): from July 2018 Vice Chancellor, SIU, August 2023

- ▶ Director, IQAC, SUST, (April 2019-22 May 2022)
- Additional Director, IQAC, SUST (2014-April 2019)
- ▶ Head, Department of Chemistry, SUST, (2018- 2021)
- ► Assistant Provost, Shahparan Hall, SSUST(2008-2010)
- ▶ Provost, Shahparan Hall, Shahjalal, (SUST)(2013-2015)
- ► Member, Academic Council, SUST (2010- till date)
- ▶ Part-time Teacher of Japanese Language, Institute of Modern Language (ILM), SUST (2019- Present)
- ▶ Vice President, Shahjalal University Teacher's Association, SUST (2019-20)
- ► General Secretary, Chemistry Alumni Association of SUST (2013-2021)
- Worked as QA expert at 30-35 Public and private universities and resourced seminar/ training in different QA aspects: Teaching-Learning, Assessment, OBE development, etc.

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- Evaluated more that 40 programs in different subject area at different public and private universities
- ▶ Conducted about 14 training programs on OBE at UGC for teachers of 82 public and private
- Master trainer of UGC and Bangladesh Accreditation Council (BAC)
- ► Committee Member for OBE committee, UGC

