

A Management Study to Identify Gap between Learning and Teaching

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Don't just tell a different version of same story, "Change the Story"

Abstract

Many researches are carried in the area of teaching. This research paper focuses on the importance of various student centric learning methods and identifying the factors that can reduce the gap between learning and teaching. It also identify what kind of challenges teachers find in class where the majority of the students are technology oriented. Using a questionnaire, it was found 200 students of the university demonstrated different styles of learning preferences. Active and collaborative way of teaching can enhance interest among the students. Blended approach should be adopted i.e. traditional and modern way of teaching. The findings from the research can be utilized in developing learning strategies.

Key words : Teaching, Learning, E-Assessment, Student Centric, Technology, Internet etc.

Introduction

In order to identify the gap between learning and teaching, first of all we have to take into consideration learning from students perspective and teaching from teachers perspective. Overall the student satisfaction is measured by quantifying student driven and faculty driven methods. This become more important to identify the gap as one the important challenge towards the society is "Employability" and to also to fill the Growing Skill Gap.

According to (Elliott and Healy) students satisfaction is an attitude resulting from an evaluation of a students educational experience. Or as 'a student's subjective evaluation of the various outcomes and experiences with education and campus life. It can also be defined as multi-dimensional and dependent on clarity of student goals. The student's satisfaction can only be achieved if both teacher and student take collective interest in the curriculum. Being a teacher, one has to make efforts to create interest among students, helping them when they needed. We should provide proper guidance regarding various carrier opportunities they have after completion of the course.

Purpose of Study

Due to modernization, the education system is also changing. New methods of teaching has evolved. Teachers and students are equipped with many methods of teaching and learning. But which method is more suitable to be adopted, is a matter of concern. Therefore, a small research has been the following objective :

1. To identify the gap between teaching and learning pedagogy.
2. To analyse the challenges in teaching from teacher's perspective
3. How a teacher can create an engaging and interactive content using technology as a platform.
4. Different mode of delivery to bridge the gap between technology savvy learners and traditional way of teaching.

Barriers in Learning

For a teacher it is also necessary to understand the student's level as in a class we have different range of learners with different abilities and capabilities. We have three different Range of Learners:

1. **Highly Motivated always ready and able while** others not very motivated and lacking in prerequisite
2. **Having Skills and different rates & styles** but while others with minor vulnerabilities
3. **Some are avoidant while others** having very deficient in capabilities

Those who are motivationally strong they don't find any barriers. They enjoy their class room teaching by taking active part. Their expectations are very high and at the same time they are accountable also. But in other cases, students find lots of barriers to learning, development and teaching because they are physically and mentally strong other may not, some have lack of confidence due to bad experience, fear of failure and fear of change.

Every class has different category of students like the queen bee, singers copying machine, sports guy, back of class crew, bullies, class bunkers etc. Similarly, teachers are also with different characteristics. Some are boring, fun loving, strict, bad and lazy. So, if a child cant learn the way we teach, we should teach the way they learn – Ignacio Estrada

ROLE OF A TEACHER

From the above data, we have analyzed that the role of a teacher is very important. Being an academicians, we should think what academic leadership moves do we implement to disrupt and

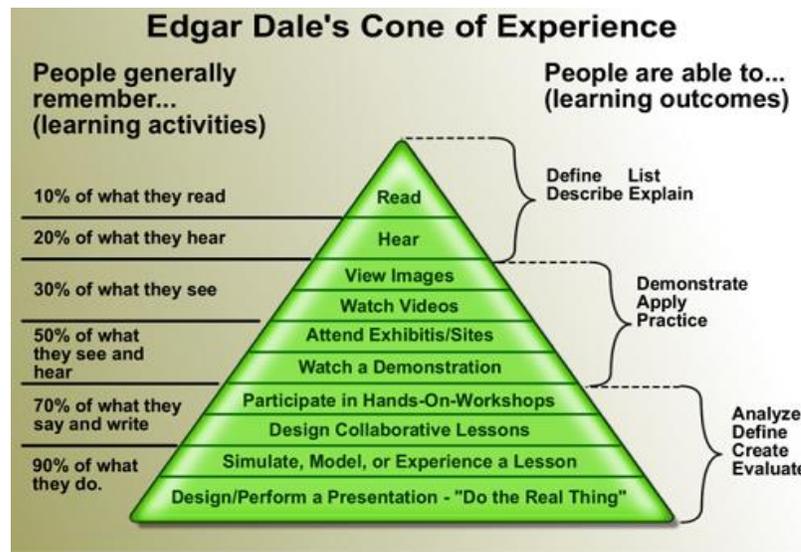
dismantle the perceived gap between a learner and a teacher in the class, so that all students have equitable access to resources and achieve at high levels. We can adopt different methods to minimize the gap:

- Ensuring Collaboration between the students by motivating them towards learning, de-motivating them for unwanted attitude, ensuring their interest.
- Use of Modern Technologies for learning like MOOC's, flipped classroom, Social bites, research based teaching, smart boards and projectors, case studies. But technology by no means is designed to substitute.
- Technology in class can be used for discussion and sharing of information like QUORA, DROP BOX, ICLOUD etc.
- E-Assessments strategy should be used where instructor and student can interact on the same platform. Even this platform is used for e-evaluation of Programming Centre ie. HackerRank and HackerEarth.

Materials and Methods

According to Skogsberg and Clump (2003), psychologically every student have different learning styles and approaches to study. These learning styles are to be utilize in their own way, so that they could understand in a better way. Rightly said, "If a child can't learn the way we want, then change the style". According to Edgar Dale's Cone Experience Model, we intend to remember only 10% of what we read whereas remember 90% of what we do or perform. This particular model was used in order to find the students need and perspective.

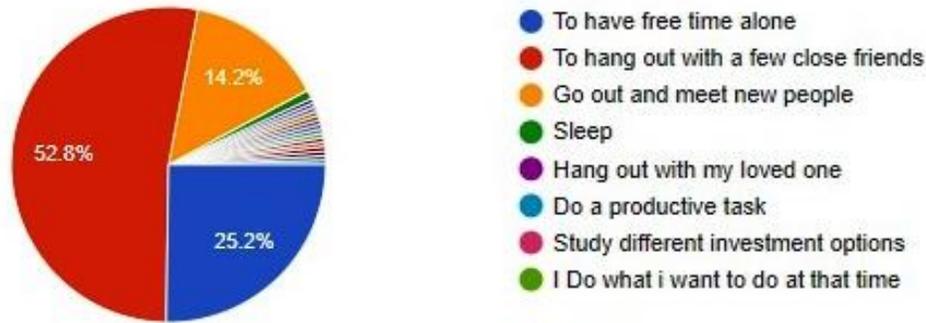
Edgar Dale's Cone of Experience Model



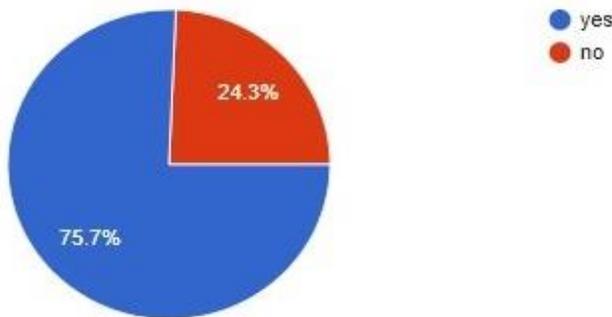
Corpuz, B., & Salandanan, G. (2011). *Principles of Teaching 1*. Quezon City: Lorimar Publishing, Inc.

This model is being applied in conducting a small research within the campus from 200 students of various departments through questionnaire and data has been analysed to see the interest of the students. Following results has interpreted:

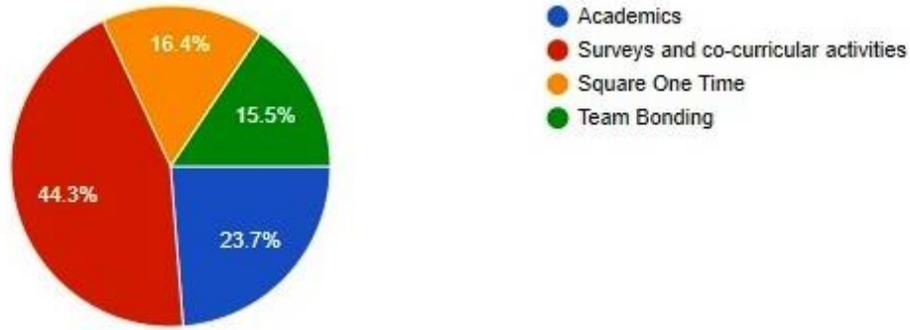
1. If I have free time, I would prefer to hang out with a few close friends



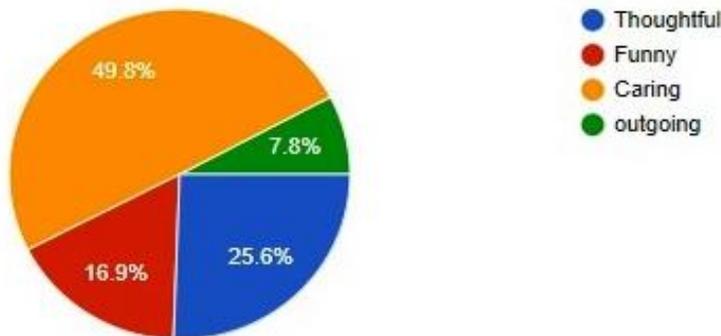
2. Have you ever volunteered to do social work or community work. It is interpreted that 75.7% are ready to work.



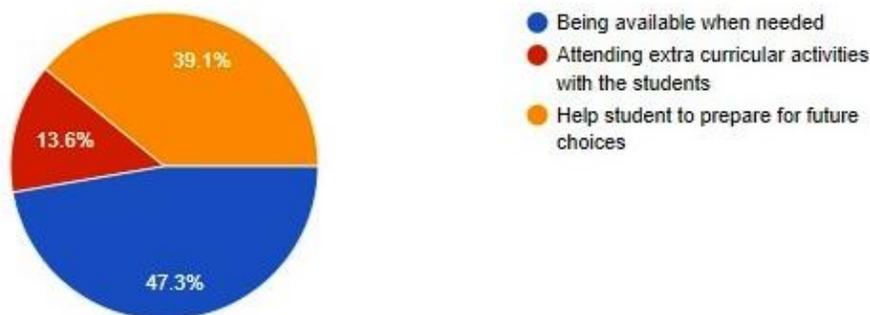
3. What do like most in the university- It is interpreted that 44.3% would like to do surveys and co-curricular activities



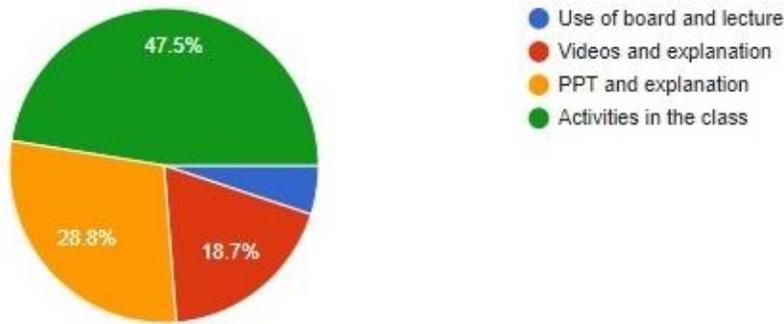
4. Which of the following traits describe you most- It is interpreted that 49.8% are having caring nature.



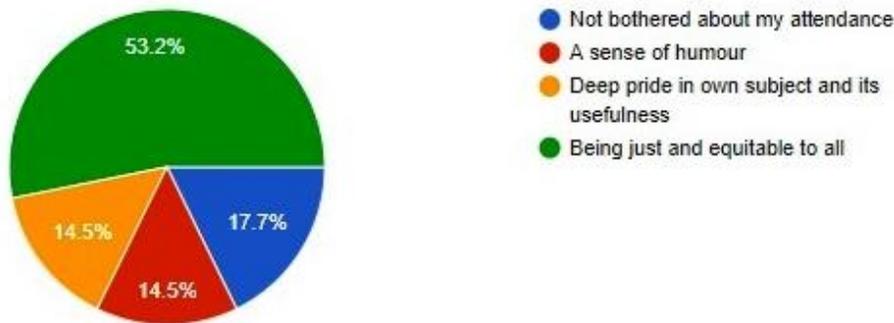
5. What is the best way a teacher can help student outside class: It is interpreted that 47.3% believe teachers should be available when needed.



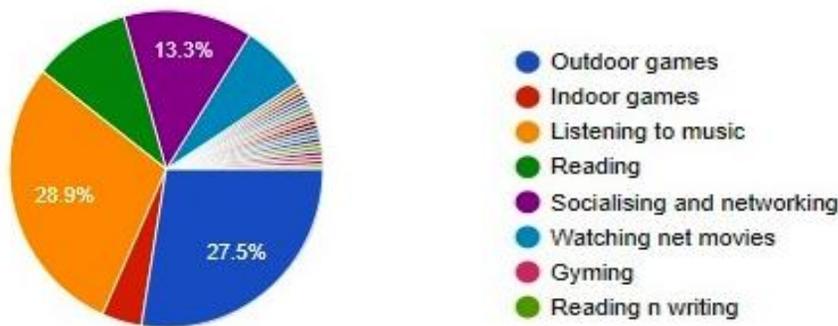
6. Which of the following keeps you engaged in a class: It is interpreted that 47.5% believe activities in the class keeps them engaged



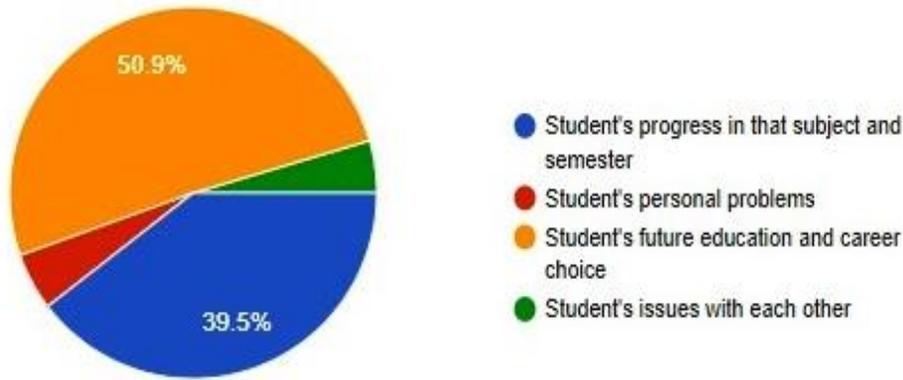
7. What more do you expect from your teacher - It is interpreted that 53.2% wants teacher being just and equitable to all.



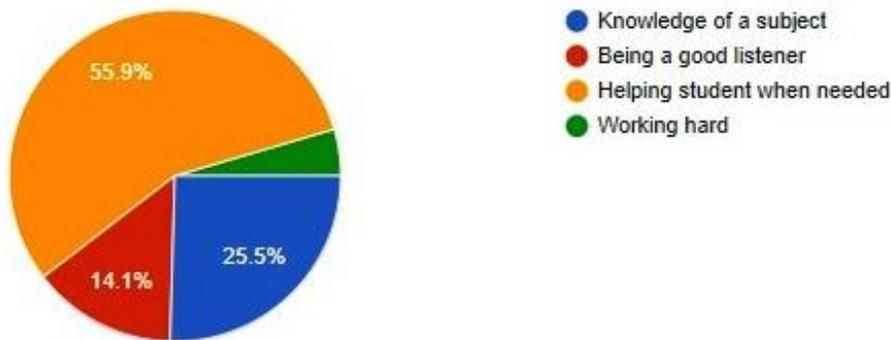
8. My favourite hobbies can be described as : It is interpreted that 29.9% love to listen music.



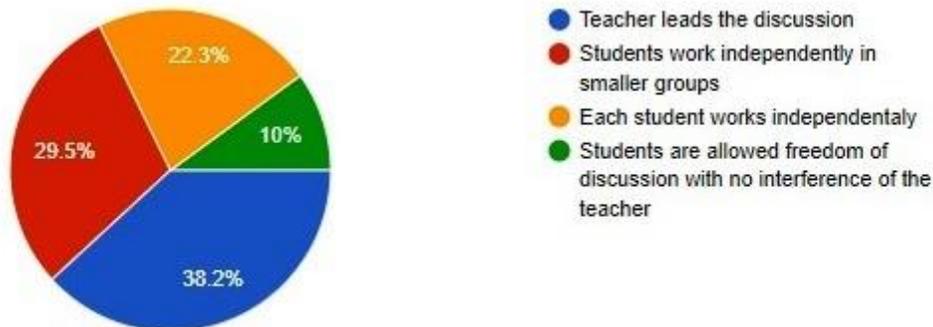
9. Which of the following is most important for a teacher and students to community : It is interpreted that 50.9% students are concerned for future education and career choice



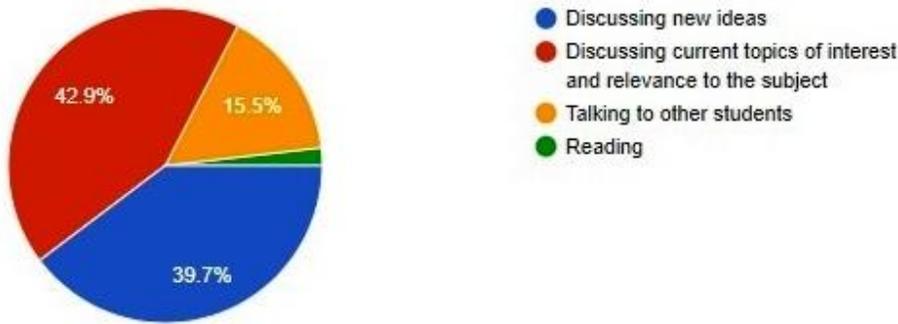
10. Which of the following is most important quality of a teacher- It is interpreted that 55.9% students believe that important quality of a teacher is helping student when needed.



11. I think the best way to learn in a class is when : It is interpreted that 38.2% believe the best way to learn is when teacher leads the discussion



12. In a classroom you enjoy : it is interpreted at 42.9 % really enjoy discussing current topics of interest and relevance to the subject and minimum to reading



Discussions : Challenges Before Teachers

One the most important challenge before a teacher is to make students motivated towards learning. Many of the students does not want to attend the class. The reason is can be many :

Family Factors : The type of born and bought up ultimately help in shaping one's behavior and personality. Limited monitoring and counseling at home makes the students less responsible.

Students Factors : Due to lack of clarity of the subject matter, the student losses the interest in the studies.

Work Models : Students are different in terms of learning habits. Some may like visual, audio, kinesthetic, reading and writing. Therefore in case anything is missing that student losses the interest in attending the classes.

Apart from these unclear policies, attitude of other students, lack of urge to come to class make the student responsible from absconding from the classes.

Suggested mode of delivery to bridge the gap between technology savy learners and traditional way of teaching

- Traditional method are the base to teaching/learning. These has its importance.
- Technology should not be only mode of teaching. Blended approach should be used.
- Tools like google cardboard should be used
- Students can give assignment and deposit its reports on various e-assessment mode.
- MOOC's courses should be introduced
- Updation of knowledge has to be done.

Challenges in Teaching : A Teachers Perspective on Integrating Technologies with Pedagogy

As we are moving towards the development, the education system is also changing. Lots of new methods and technology are upcoming. As a teacher, many kind of challenges we face in a class where the majority of the students are technology oriented. These challenges are as given below :

- a) How much traditional way of teaching has to be change, is a challenge
- b) To make student attentive
- c) Preparation itself is a challenge
- d) Plenty of resources is available, but being a teacher we should tell the students the various authenticate sources.
- e) We should able to understand the student psychic.
- f) To bring disruption in usage of the technology is again a challenge
- g) Time to time updation of technology is required.

Conclusion

With the help of this study it is clear that gap exists between teaching and learning. Though there are many factors responsible but by adopting a student learning approach, we can achieve high levels in education. The teaching faculty had to bring balance between teaching-learning styles, as it helps in collaboration, transmitting information and bring quality education fulfilling the learning outcomes. By using modern methods like MOOC's, E-Assessment, Research based Learning, Smart Boards and projection the students can be motivated to attend the classes regularly. The classroom session should be student centric not teacher centric. To summaries with, following things should be done:

- ✓ Beyond the classroom discussion should be done
- ✓ Different tools and app's should be used
- ✓ Pre and Post module discussion should be done
- ✓ Proper lesson Plan should be given and shared with the students
- ✓ Blog's should be created
- ✓ MOOC's should be introduced

General guidelines and Principles should be implemented in-order to disrupt and dismantle the perceived gap between a learner and a teacher, so that all students have equitable access to resources and achieve at high levels.

References

1. Entwistle (2000), Promoting deep learning through teaching and assessment, Paper presented at AAHE Assessment Conference, Charlotte, North Carolina, 14-18 2000
2. Laher, Thatcher (2007), Innovation in Teaching Undergraduate Psychology at the University of the Witwatersrand: Coping with Diversity, South African Journal of Psychology, 37(2), pp. 345–347
3. [Tulbure](#) (2011), Do different learning styles require differentiated teaching strategies?, Procedia - Social and Behavioral Sciences 11:155-159
4. [Felder](#), [Brent](#), (2005), Understanding Student Differences, Journal of Engineering Education 94(1)
5. [Vermunt](#), [Verloop](#) (1999), Congruence and friction between learning and teaching, Learning and Instruction 9(3):257-280
6. [Kiguwa](#), [Silva](#), (2007), Teaching and Learning: Addressing the Gap through Learning Styles, South African journal of psychology , 37(2):354-360
7. [Speth](#), [Lee](#), [Hain](#) (2006), Prioritizing Improvements in Internet Instruction Based on Learning Styles and Strategies, Journal of Natural Resources and Life Sciences Education 35:34-41
8. [Greenop](#) (2007), Students' Perceptions of Efficacy and Preference for Two Lecture Formats, South African journal of psychology, 37(2):361-367