

Just In Time Teaching Method And SWOT Evaluation For Student Development

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Abstract

To be successful in today's competitive world it's absolutely essential for one to be able to identify the strengths and weaknesses of oneself, as well as the opportunities and threats that are presented. By having awareness of these four aspects, it's possible to use them for one's advantage. If a person can identify and understand their strengths and opportunities they will know where to tread with confidence and security. However, if one can realize the weaknesses and threats posed to them, it's possible to focus on those areas so to improve upon weaknesses and overcome obstacles posed by threats. SWOT analysis focuses on the internal and external environment of our business, examining strengths and weaknesses in the internal environment and opportunities and threats in the external environment. SWOT Analysis is a very effective way of identifying our strengths and weaknesses, and of examining the opportunities and threats we face. SWOT analysis looks at the factors which affect the success or failure of our business as well as whatever one does in. The present paper focuses on SWOT evaluation for the development of the students and their scholarly development.

Keywords: *Teaching Method, SWOT, Evaluation, Student Development.*

Introduction :

Education is that mirror where one can see the reflection of the world. This can very easily be seen in one of the student remarks which are read as follows.

“You helped me extend my hand incredible machines, My eyes with telescope, My ears with telephone, radio and my brain with computers”

It has been realized that no country can progress without qualitative development of

its students. Education plays a key role in the development of human resources. (The National curriculum Framework for school education, NCFSE 2000) published by NCERT in line with the broad parameters of the National policy on education. One of the factors identified as contributing to the improvement of quality of education is competent and dedicated teachers.

Teacher is ideal for students and ideal teacher should teach properly. As education is changing day by day, so teacher

should change and use new techniques in their teaching. Teaching should not be one way process it should have communicative approach and interaction. Some principles should be decided for communicative approach and interaction which may as follows.

PRINCIPLES:

- Active learning with two way communication between the teacher and student.
- This is the highest degree of mental process due to which long term memory will be produced.
- In this process students work together allows learning to continue after the class session, so establishing a cooperative environment.
- Teachers must have high expectations of their students.
- Teachers use divers techniques like writing, reading, diagrams, pictures, etc so get diverse talent and ways of learning by listening and speaking.
- Rapid feedback allow student to understand their mistakes quickly.

In the regular education system class work, practical, co-curricular activities, extra- curricular activities, evaluation etc were conducted by the teachers. To cover such large syllabus is difficult task. Teachers are produced as notes with the

understanding that students will only be responsible for the facts included in these documents. This lecturer approach decreases the modern effective learning. The teachers imparted power point lectures rather than collaborative approach. This is one way communication that minimizes active learning. These lectures fail to create cooperative learning among students, diverse talent and way of learning. For the better learning and long term memories how modern techniques overcome the conventional teaching method are shown in following diagram of National Training labs.



According to this pyramid, Interactive teaching is more effective than lecture method. In higher education classes are larger and there is insufficient time to complete all activities. Fortunately advances in computer sciences allow the teacher and student to teach and learn more effectively.

Just In Time Teaching Method:

This method is also called as JITT Method which is developed by **Gregor**

Novak and colleagues. This method converts conventional lectures into interactive sessions. Before conducting a group session, students are given a passage which depends on facts and concept. Students have to answer all three questions in this two are design on key principles that are to be covered during the upcoming teaching session and third is open ended question. For example, what did not you understand about this material or if you understand everything, what did you like or dislike about the material? This exercise encourage students to prepare a head for time usually a mind before allows them to sleep with these ideas. Answers are submitted to concern subject instructor or teacher, allowing the teacher to review the answer several hours before the large group session.

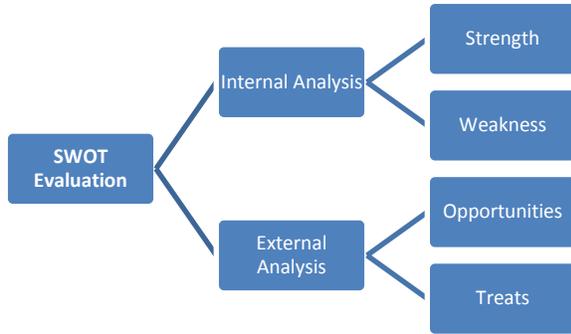
In the large group session teacher represents answers by PowerPoint presentation or on overhead projector. Each student first take one minute to decide on an answers and thus discuss with the three-four other students of his or her team. After 2 minutes the students actively work with the material and teach each other. Then goes over the answers and explains why one answer is correct and others are not. At this point student should be encouraged to ask questions. It is important that the teacher should maintain a supportive empathetic

tone and encourage students to actively think about why this answer is not appropriate. Here teacher may take 3- 4 concept or facts. This interactive session allows the working memory rest and allows attention span to reset and sensory input from the immediate memory is again efficiently transferred to the working memory.

This method encourages ways of communication and active collaboration learning. This method reduces the factual content, thus minimizing working memory fatigue. Understanding and meaning emphasized establishing the fatal conditions for creating long term memories. To motivate interactive learning teacher should have self-appraisal of the students and they should intentionally adapt SWOT analysis for the students as this is scientific method.

Swot Evaluation Process:

There are different techniques and tools for evaluation at the students for progress and development. A new technique is introduced that is SWOT evaluation of the student every teacher should do the SWOT evaluation of the students intentionally.



SWOT Matrix

- **Strengths-** Concept formation, Analysis, Diverse thinking.
- **Weaknesses-** Lack of confidence, Less vocabulary, Lack of analytical thinking.
- **Opportunities-** Open access, Use of technologies, New literature, Discussion,
- **Threats-** Conflict, Neutral attitude, Fear at others.

SWOT Matrix	Strengths	Weaknesses
Opportunities	S-O Strategies	W-O Strategies
Threats	S-T Strategies	W-T Strategies

- **S-O Strategies-** Teacher should give students opportunity to empower his strengths.
- **W-O Strategies-** Teacher should overcome the weaknesses of the students and give them opportunity.
- **S-T Strategies-** Teacher should try to overcome the threats and courage them to develop their strength.
- **W-T Strategies-** Teacher should not allow the weaknesses at the students to convert into threads so take necessary precautions.

CONCLUSION:

Now the time has come that one should leave the traditional method at teaching and adapt the new techniques. JITT method full fills current objectives at education like self-learning and long term memories through interactive teaching. These characteristics are necessary for development at today's students, such techniques as we have lack at time lack of time and more syllabus need to covered so get method is a right answer.

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