



CHALLENGES IN LEARNING THE TECHNICAL TERM IN BIOTECHNOLOGY

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Abstract:

This research is discusses about the students struggle to learn the technical terms in biotechnology. In this research we analysis the listening, reading, writing, and speaking technical terms. In this research we take 100 students in the department of biotechnology and we analyze the student trouble in listening, reading, writing, speaking technical terms. The problems are focusing on, what are the problems faced by the biotechnology students in classes? Student problems in percentage with student statements. Suggestion given to student to speaking, listening, writing and reading the technical term and how to develop it.

Back ground:

In college level teaching methods, teaching level is completely different from schooling, because we learn lot of technical terms in college in comparing to school. So, it is difficult for the students to understanding the proper meaning. Reading, writing, speaking and listening technical terms are not explained by all the teachers. Students learn new technical terms in every classes. At school level, students used to speak in their native language and mostly school does not focus on the biological term, but when one enters into college, students failed understand the class because they do not know technical terms because many of the students are from different mediums. The student's native language is different in the field of biotechnology, the lectures are covered with full of technical terms, but some students don't know the technical terms and they failed to understand concept in the field of biotechnology especially the experiments are fully covered with technical terms the student face lot of difficulty to understanding the terms .

Method of research:

In the classroom, it is difficult for the biotechnology student to learn the technical terms in the English language. These method of research for the study is using some Questionnaire and discretionary. In first method, provide some suggestions to student and next we asking questions to student and third one is to give multiple choice questions to students. These are four type used for students to answer the question depending upon their mindsets. This method is used to verify the student's skills.

Finding and Discussion:

Analysing the data of the students and their answers are shown in mark type and in decimal number what does the student facing while they read, write, listen & speak the technical terms are explained by using table.

Finding:**Problems in speaking technical terms:**

The following Questionnaires and discretionary type we observed the student speaking problems. For more information in the following table,

S. No	Statement	No.	Excellent	Average	Below Average
1.	Pronouncing the technical terms in class	100	05	20	75
2.	Doesn't understand to speak the technical terms in the class	100	00	10	90
3.	Difficulties of using the technical terms while answering	100	00	00	100

This table discuss about the students, how they faced the speaking problems of technical terms in the classroom.

Problems in listening technical terms:

The following Questionnaires and discretionary type we observed the student observing problems and explained briefly.

S. No	Statement	No.	Excellent	Average	Below Average
1.	Difficulties while understanding teachers pronouncing the technical term	100	10	20	70
2.	Difficulties while learning the meaning of technical terms	100	40	30	30
3.	Having difficulties while memorizing the technical terms	100	01	01	98

This table discuss about the students, how they faced the listening problems of technical terms in the classroom.

Problems in reading technical terms:

The following table shows that students facing the difficulties in reading the technical terms in the classroom.

S. No	Statement	No.	Excellent	Average	Below Average
1.	In biology the technical term is to long	100	13	17	70
2.	Difficulties to understand exact pronunciation for technical terms	100	00	00	100
3.	Difficulties to Pronounce the technical term while reading	100	10	10	80

This table discuss about the students, how they faced the reading problems of technical terms in the classroom.

Problems in writing technical terms:

The following table shows that students facing the difficulties in writing the technical terms in the classroom.

S. No	Statement	No.	Excellent	Average	Below Average
1.	Difficulties in technical term while writing because it too advanced	100	00	10	90
2.	Feeling difficulties while writing the technical terms because lack of English knowledge	100	05	10	85
3.	Difficulties while faced in the lab experiments to write	100	00	20	80

This table discuss about the students, how they faced the writing problems in technical terms in the classroom.

Discussion:

The student's answers are analyzed using above methods. The biotechnology students have some problems in listening, reading, writing, speaking technical terms, in speaking they have problem to pronounce the technical terms. They have trouble to read in technical terms. They feel difficult to convey they answer to the other class students. They feel trouble to understanding the technical terms of biology in the classroom. While teacher teaching or pronouncing the technical terms, it will be difficult to understand by the biotechnology students. In writing the scuffle in biology lecture because, the lectures are explained in technical terms and it is difficult to write the exam. Most of time the students where struggle to understand the spelling of the technical term, while writing exams. In reading students feel difficulties in pronouncing a technical terms and due to that they fell fear to read the technical terms in front of other.

Conclusion:

Students face lot of problem in learning technical term especially in science filed. They are able to understand it but they feel some difficulties in pronouncing it. Due to this, they unable to convey the procedures and experiments to others. To overcome all the above problems students should pronounce the technical terms with teachers and by practicing it again and again, it becomes very easy for them to use it regularly.

As a result, the pronunciation and usage of technical terms becomes piece of cake to all the students.

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