The role of Information and Communication Technology in Developing ESP Syllabus (case study: Computer Science, at Sudan University of Science and Technology).

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Abstract:
The present study aims at studying and scrutinizing the sustainable use of information and communication technologies for developing and assessing English for specific purposes syllabus for computer studies at Sudan University of Science and Technology. The aims of this paper are to look into the most distinctive benefits. This study aims to recall the term English for specific purposes and acquire new terminologies of English for specific purposes , It's necessary to use this kind of computer studies and determine the meaning of new words. This study tries to answer the following questions. How can the gap between English for specific purposes and occupational purpose be bridged? The aim of the study is to investigate the importance of language needs for computer learners. In this paper of English for specific purposes there are some useful hints on how to promote students awareness with the aim of exploring and developing aspects of communicative awareness. We should be aware of the following points: The difficulties which face the English for specific purposes students during learning computer studies. The students' response about English for specific purposes should agree with the following findings: Improving the ability to deal with English for specific purposes syllabus, and enable students to understand syllabus, and promoting students to expand their learning skill. The researcher recommends   English for specific purposes courses that should be revised regularly, and increasing the teaching hours of English for specific purposes courses.
Key words: English for specific purposes syllabus,- developing & assessing English for specific purposes-, acquire new terminologies.

المستخلص:

تهدف هذه الورقة إلي دراسة وتقصي الإستخدام المستدام لتقنيات المعلومات لتطوير وتقييم منهج اللغة الإنجليزية للأغراض الخاصة   لدراسات الحاسب الآليا بجامعة السودان للعلوم والتكنولوجيا ، وتهدف هذه الورقة إلي النظر في الفوائد الأكثر تميزا كما تهدف هذه الدراسة إلي إستدعاء مصطلح اللغة الإنجليزية للأغراض الخاصة وإستدعاء مصطلحات جديدة من الضروري إستخدام هذا النوع من دراسات الحاسب ألآلي وتحديد معاني الكلمات الجديدة . تحاول هذه الدراسة الإجابة علي الأسئلة التالية : إن الهدف من هذه الدراسة هو التحقق من أهمية الإحتياجات اللغوية لمتعلمي الحاسب الآلي . هنالك بعض التلميحات المفيدة حول كيفية تعزيز وعي الطلاب بهدف إستكشاف وتطوير جوانب الوعى التواصلي. يجب أن نكون علي دراية بالنقاط التالية: الصعوبات التي تواجه طلاب   تعلم اللغة الإنجليزية للأغراض الخاص' أثناء تعلم دراسات الحاسب الآلي ، يجب أن تتفق إستجابة الطلاب حول برنامج تعلم اللغة الإنجليزية للأغراض الخاصة مع النتائج التالية: تحسين القدرة علي التعامل مع منهج تعلم اللغة الإنجليزية

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للأغراض الخاصة وتشجيعهم علي توسيع مهاراتهم التعليمية كما يوصي الباحث بضرورة مراجعة دورات تعلم اللغة الإنجليزية للأغراض الخاصة من وقت لآخر، كما يجب زيادة ساعات التدريس لدورات تعلم اللغة الإنجليزية للأغراض الخاصة.

الكلمات المفتاحية: منهج تعلم اللغة الإنجليزية للأغراض الخاصة'، تطوير وتقييم برنامج تعلم اللغة الإنجليزية للأغراض الخاصة'، إكتساب مصطلحات جديدة.

INTRODUCTION.

1.0 Context of the paper:

No doubt English is considered the first language all over the world, that is because of the wide spread of the tools of communication such as, radio, television, internet, books and magazines. So English has become the language of technologies.

Definition of ESP (English for specific purposes**,)** as far a broader of English for specific purposes , Hutchinson and Waters (1987) theorize, English for specific purposes **i**s an approach to language teaching in which all decisions as content and method are based on the learner's reason for learning. English for specific purposes is defined to meet specific needs of the learner.

The concept of English for a specific purposes arose in the early 1960s partly in response to the recognized need for improved communication between the developed and the developing countries of the world. The developing nations were hungry for the explosion of technical information in this century which has caused English to become the lingua franca of the international community ,(Hitchcock 1978:9), and the developed nations were to provide appropriate aid. It should be clear from the outset that I don't share the belief held by some practitioners that the English for specific purposes instructor must also be a content instructor. An English for specific purposes instructor must have a genuine interest in all the fields of knowledge, as an English for specific purposes instructor,

English for specific purposes is a branch of English language teaching (ELT) and referred as , applied ELT as the aims contents for any English for specific purposes course is based on specific needs of the learners. Information and communication technologies is an umbrella term that includes any communicate device or application , radio, television, cellular phone, computer, over head projector, as well as the various services and applications associated with them such as video conferences and distance learning.

The aim of this study is to stress on the importance of conducting a needs assessment in English for specific purposes courses and to present which steps to follow while developing a new English for specific purposes course.

The need for English as an international language has increased as a result of the development of technology and scientific research all over the world. English has imposed itself to be the vernacular for most of people who do not speak the same language.

English has imposed itself on all disciplines: engineering, physics, biology, chemistry and business….etc. therefore; many people are studying it worldwide. All this has introduced to the field of (English for specific purposes).Computer college at Sudan University of Science and Technology teach English for specific purposes courses to the students in order to enable them to attain relevant data in their fields which most of it written in English.

Information and communication technologies are often spoken in particular context such as ICTS in education. ICTS education is basically our societies efforts to teach it, current valuable knowledge and skills around computing and communication devices.

Nowadays , every one needs a basic understanding of ICTS and how to make productive use of it, just to be good student.

As we may know use of information and communication technologies have become commonplace entities in all aspects of life, Across the past twenty years the use of ICT has fundamentally changed the practices and Endeavour within business and governance.

Teaching and developing English for specific purposes syllabus is an indispensable part of advanced this kind of English courses for computer studies , developing English for specific purposes syllabus remains a crucial act in the process of learning particularly for computer studies, student who did not take English language as a main subject, but it's

necessary in their studies. Although in designing courses for both English for specific purposes and EGP learners, needs analysis has been a primary focus, both differ in the approach of needs analysis. While English for specific purposes courses focus more on specific needs and immediate needs of the learners.

EGP courses may not focus on specific needs of the learners as learners at that stage may not be able to specify their contexts of using language .the objectives and language that the learner will be expected to master, must be broken down into an optionally sequenced series of teaching and learning points .It is known within institutions of higher education. According to Widdowson (1983) , in English for specific purposes syllabus there has been no distinction between the eventual target behavior , Douglas (2000,p.11) once criticizes that English for specific purposes teaching suffered from a lack of theoretical motivation for course design.

1-1 Objectives of the Study:

The objective of this study focuses on how the importance of English for specific purposes for those who did not learn English as a main subject in their studies .

The objectives are:

1- To create basic information for the syllabus designers to use that when designing their courses.
2- To investigate the language skills required by the computer students.
3- The result of this study can contribute in further researches concerning the field of computer studies and ESP.

4- The study will call attention to the value of the needs analysis as essential stage in designing English for specific purposes program.

5- To Help the English as a foreign Language learners to overcome the problems of the specialized vocabulary.

1-2 Statement of the Problem :

The researcher seek for suggesting new method in developing and assessing English for specific purposes syllabus for computer scholars, which enable them to understand and manipulate English for specific purposes courses processes which can boost competence and awareness for the computer studies.

The researcher will detect whether computer studies assist in developing the students understanding . According to researcher's experience in teaching English for specific purposes courses noticed that there is a weakness in understanding, and students are not capable of learning. The researcher is going to probe the main factors behind the aforementioned problem which might be English for specific purposes syllabus itself, so the researcher is looking after how can the learner develop and assess the English for specific purposes syllabus.

1-3 Research Methodology :

The acronym ESP to most ESL, teachers signifies needs analysis and the development of purpose- specific materials for students specializing in science and technology. The more theoretically – inclined might also mention the work of Munby (1978) as the movements dominant paradigm. But probably the last thing to be mentioned, if it mentioned at all, is English for specific purposes as a methodological trend.

The purpose of the study is to investigate the importance of language needs for computer learners. In this paper of English for specific purposes there are useful hints on how to promote computer Science students, with the aim of exploring and developing aspects of communicative competence and awareness. We should be aware of the following points:

1- The difficulties which face the English for specific purposes students during their learning computer science.

2- How can learners improve their weakness learning during English for specific purposes process.

3- Looking for remedial processes that can overcome the English for specific purposes process.

4- To examine the necessary factors that enable the learners to enhance their ability.

1-4 Study Questions:

This study tries to answer the following questions.

1- To what extent information and communication technology in developing ESP Syllabus?

1-5 Hypotheses of the Study :

The current study is based on the following set of hypotheses:

1- Information and communication technology is developing ESP Syllabus.

1-6 Limits of the Study:

There might be some limits to this study, this study is limited to the students of college of computer science, Sudan University of Science and Technology. This study aims at:

1- The subject of writing in this study is limited to computer students , at Sudan University of Science and Technology.

2- The scope of this research is limited to English for specific purposes syllabus design..

3- The type of writing in this study is limited to English language.

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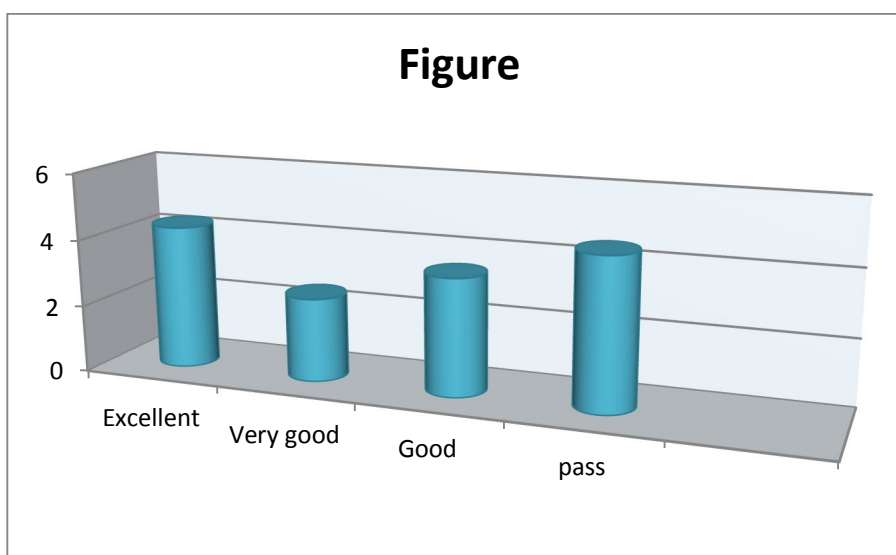
1-7   Pre-post test analysis:

to test the researcher hypothesis the researcher design pre and post test to test the role of communication technology in improving English for specific purposes learning.

Table (1): presented students results in pre-test.

Degree	Range	Number	Valid percent
Excellent	60 – 55	0	0%
Very good	50 – 45	3	10%
Good	40 -35	5	16.7%
Pass	25 – 34	7	23.3%
Failure	Less than 25	15	50%
Total	60	30	100%

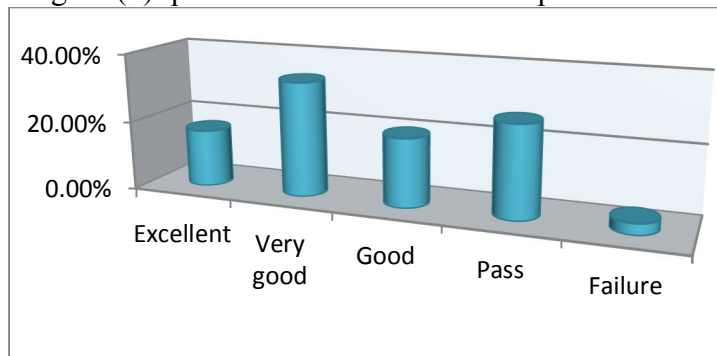Figure (1): presented students results in pre-test.

From table and figure (1) which present the result of students in pre-test in it is clear that no one of students obtained excellent and only (3) students obtained very good, and (5) students obtained good, (7) students obtained pass and (15), were fail. In researcher point of views students achieve very week result.

Table (2): presented students results in post-test.

Degree	Range	Number	Valid percent
Excellent	60 – 55	5	16.7%
Very good	50 – 45	10	33.3%
Good	40 -35	6	20%
Pass	25 - 34	8	26.7%
Failure	Less than 25	1	3.3%
Total	60	30	100%

Figure (2): presented students results in post-test.

From table and figure (2) which present the result of students in post-test in it is clear that about (16.6%) of students obtained excellent and (33.3%) students obtained very good, and (20%) students obtained good, (26.7%) students obtained pass and only (3.3%), were fail. The researcher believes that using information and communication technology support students result.

1.8 Discussion:

The researcher suggests some solutions in order to overcome English for specific purposes obstacles that face the students. According to researcher's opinion believes that a correct process should increase the student competence and awareness and boost the level of students language knowledge and intellectual skills.

1-9 Conclusion:

The undergraduate students at the college of Computer Science, are facing many cruel obstacles, the salient question is what worsen the situation in this case? In the present paper ESP is thought of as means of enhancing students' competence and further to improve their communicative awareness.

2-0 Findings:

The students response English for specific purposes learning process that would be agree with the following:

1- Information and communication technology in developing English for specific purposes Syllabus Improve student ability to deal with English for specific purposes.

2- Information and communication technology in developing English for specific purposes Syllabus Enable students to understand developing and assessing English for specific purposes syllabus.

3- Promote the students to expand their English for specific purposes learning.

4- High correlation between English for specific purposes Learning process and improving the student ability.

2.1 Recommendations:

Putting into consideration the obtain result of this paper, the researcher recommends the following.

1- Teachers should teach English for specific purposes in context rather than teaching it in separate lists.

2- It would be better to increase the teaching hours of English for specific purposes courses.

3- It is very important to give some English for specific purposes activities and tasks inside the class.

4-English for specific purposes courses should be revised regularly.

References:

Alnour, N.B., Abdalla, U., Badawi, A.M.M. and Sanhour, S.B., 2019. Analyzing EFL Learners' Errors in Using Synonyms.

Badawi, A.M.M. and Hamid, F.M.H., 2020. Analysing the Difficulties Encountered by Basic Schools in some English Consonant Sounds and Clusters: Teachers' Perspectives.

Badawi, A.M.M., Adam, A.A. and Ali, S.T.M., 2021. Assessing University Students' Knowlege in Comperhending Hyponymy.

Badawi, A.M.M., Ali, S.T.M. and Alabass, S.A., 2021. Integrating Storytelling Strategy into EFL Classroom Setting: Basic Schools Teachers' Perception.

Balla Mohamed Ahmed Sanhori, S. and Mukhtar Mohamed Badawi, A., 2019. Analyzing the Effects of Sudanese Emphatic Sounds in Pronouncing English Alveolar Sounds

Balla Mohamed Ahmed Sanhori, S. and Mukhtar Mohamed Badawi, A., 2019. Analyzing the Effects of Sudanese Emphatic Sounds in Pronouncing English Alveolar Sounds.

Douglas (2000, P.11) Executive ESP; University press, California ,US.

Hitchock (1978 pp 9-50) Reading & scientific English, Oregon state University.

Hutchinson (1987) English for specific purposes, A learner centered Approach, Cambridge University press.

Mukhtar Mohamed Badawi, A., Evaluation of Translation output of Arabic News Headlines via Free Online Machine Translation Systems.

Mukhtar Mohamed Badawi, A., Familiarity of Sudanese Translators with Free Online English-Arabic Machine Translation.

Munby, J (1978) . Communicative syllabus design, Cambridge: Cambridge University Press,

Sanhori, S.B., Ahmed, A.B., Bashari, N.T. and Badawi, A.M.M., 2019. Investigating the Effectiveness of Incidental Vocabulary Learning Strategies among EFL Learners.

Widdowson, H.G (198 1-11). English for specific purposes Newbury house.Selinka;