



Identity construction of ESP teachers

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Abstract

English Specific Purposes (ESP) is aimed at meeting the English demands of specialists in different fields of endeavour to be able to cope with the needs of their duty. Therefore, ESP specialists need to possess certain qualities and skills to handle the course contents of specialized areas. ESP developed through the ages with the aim of meeting needs of the learners. English for General Purposes (EGP), before the emergence of ESP, contributed its quarter to the development of English to be used in specialized fields. The ESP teachers are expected to have special training to be able to cope with the needs of the profession of the ESP learners. The growing demand for ESP is because of growing of new different fields of specialized areas. The interest of ESP and ESP teachers is always centred on the needs of the learners.

Keywords: English specific purposes, teachers, needs analysis, English language teaching

1. Introduction

English for Specific Purposes (ESP) is a professional area of specialization within English Language Teaching (ELT) that places emphasis on the practitioners to meet the needs of learners through analysing a systematic means of identifying particular collections of skills, linguistic forms, texts and communicative practices that a particular group of learning professionals should acquire. The aim and content of ESP is to design a language for special needs of a group of learners in areas such as English for Science and Technology (EST), English for Academic Purposes (EAP) etc (Dudly-Evans & St. John, 1998). The target of ESP research is to focus basically on course contents to be taught and its possible outcome and effect on syllabus and material design with special attention on the profession of the learners in the process. This is for the fact that, ESP received very little attention from scholars. The increase in professionalism, conference presentations, and academic gatherings on ESP as well as the growth in the world politics, business, economic ties and socio-cultural needs necessitated the demands for ESP, which made it gain a significant role in the academics as it takes the shape of new industry in the 21st century. As the need for it is high, it has developed and is still developing in different countries due to different needs for it, and the demands for application of specialized use in each language learning setting (Rajabi, Kiany & Moftoo, 2012; Howard & Brown, 1997) ^[20].

Identity is an important aspect of every profession as it is essential and largely has to do with a person's culture, institutional value as well as personal biography. Invariably, it is seen as an established interaction between biography and socio-cultural influence. Therefore, teachers' identity construction reflects that importance of understanding him (teacher) and teaching considering transformation, which is a process of becoming something. There have been much attention on teacher identity of recent both in theoretical and empirical investigations in teacher education (Beauchamp & Thomas, 2009).

The concept of English for Specific Purposes (ESP)

English for Specific Purposes (ESP) is a subset of Second

Language Teaching (ELT), and in its approach, it is learner centred. ESP is designed to meet learners' specific needs as related to a particular genre and activities, minding the appropriate activities such as semantics, discourse, syntax, text etc. This can be referred to as the absolute characteristics of ESP, while it may be restricted to the language skills to be learned mainly by adult learners; this is referred to as variable characteristics. It has been considered as a separate activity within English Language Teaching (ELT). Its goals are to satisfy the use of English needs of the learners in specific domains. Its teaching is motivated largely by the need to communicate across languages as it affects different areas, profession or field such as commerce, science, politics, academics, media and technology etc.

It can therefore be said that ESP was developed due to three major reasons include:

- a. The growing demand for English by various professions to satisfy their specific professionals needs.
- b. As a result of expansion in the area of linguistics
- c. As means to satisfy learners' needs and interest which is considered as educational psychology.

The main focus of ESP courses is the language skills, and the use of language appropriate for the specific genre the learners need (Paltridge & Starfield, 2013; Bonjović, nd). ESP therefore is aimed at identifying the learners' needs so as to help them produce and participate in how the teacher can know that the learners have been able to do a given task successfully and if not, what is the way forward to assist him? However, the emphasis remains that the key features of an ESP course design is that its aims are targeted at the specific needs of the learners. Meanwhile, Carver (1983) gave three most common characteristics of ESP to include:

1. It uses authentic materials- These materials exposure learners to real language and its use in their own communities. Teachers use such materials, as the students are normally encouraged to conduct researches using different materials.
2. It is purpose-related orientation- The students are given different tasks by the teacher to stimulate them to prepare for conferences.

3. It guides in self-direction- The target of the ESP is to turn the learners into users, so, they are encouraged to a certain degree of autonomy.

Trends in ESP

The Early Years of ESP

The early period of ESP was from 1962-1981 where it moved to rhetorical devices time. This begins in the years after the World War II. The focus of ESP research at that time was mainly on English for Science and Technology (EST) in academic contexts. At the beginning of this period, the research was descriptive in which statistical grammar matters within written discourse when Barber (1962) worked on counting grammatical features in academic texts. ESP developed to some extent as the British council supported course books and publications of some works which were distributed widely.

The More Recent Past

The moment of the historical period in ESP was from 1981-1990 where the scope started becoming broader and introducing some central concepts. More efforts were made by ESP leaders to expand the movement's horizons. Meanwhile, the scope of ESP was limited to English for Science and Technology at this time, it became more refined than before, but meanwhile, at this moment TESOL do not considered themselves as part of ESP. During this period, most frequent topics were such as needs assessment, Linguistic devices and their rhetorical purposes, Technology; and so, ESP concepts centred on genres and rhetorical moves.

The Modern Age

The current trend is that which came between 1990-2011 when ESP witnessed a lot of journals which are new and centred on genre as well as corpus studies, such journals included English for Specific Purposes Journal (ESPJ), Journal of Second Language Writing (JSLW) with articles on genre pedagogy. The turn of ESP in the recent research can equally be seen in the studies carried in different places, as English was taught as general English.

English for General Purposes (EGP) forms the foundation for use of English in specialist fields, which later attain certain level of attention (Trimbe, 1985) as it covers a large area. The need to master General English by the learners cannot be over emphasised because he/she will need it before taking a special course of study. General English for whatever the purpose of any field, it is the mainstay. The decision of the language teachers is the ultimate as to decide what to teach and how to.

It is a learners' practising tool. In a situation where learners have and extension of interest into another field of study, ESP now comes into place as the learners want to know more about special field. That means, targeting preparation for professionalism. Before then, the mastering of General English is not an option, as it will tackle their specific problems as knowledge of their profession has already been acquired through their native language. All they need to understand is their specialists' texts and a little exposition to the use of English. As a result, some linguists are of the view that it is inappropriate and counterproductive to separate the two-ESP and EGP. All the learners need is to possess some knowledge of the English language for them to understand the kind of professionalized message given in their fields. So therefore, the division between EGP and ESP is uncalled for.

Needs analysis is the core of ESP; it targets students' needs and purposes. The English taught is not for specific purposes but specific people, argue some scholars, meaning those who are of particular training. The domains and structure of linguistics are limitless, so not all can be taught and all that can be done is to teach a sample language system. On the other side, it is better to involve them (learners/students) in some tasks geared toward problem solving (Zohrabi, 2015) [28].

Now, considering some most recent track of ESP, its progress and otherwise is noticed. For instance, the system of higher education in Iran compiles students specializing in different fields in university courses to pass a two-credit Basic English course, then followed by a three-credit General English course. Then lastly, they are required to pass a two or three-credit ESP course, depending on their areas of specializations. Meanwhile, some of those students in the ESP classes claim not to be satisfied with just passing the final exams, because such cannot/does not give them the mastery of the English language they needed. New procedures were adopted in ESP classes to meet the students' needs. However, dominant paradigm is not satisfactory and it is challenged by new values, that is the centrality of the learner and learners' needs. The teacher training programs for ESP In-service teachers was guided by constituted patterns and the other way round, the practice is challenged by theory and by the experience of many other practitioners. Therefore, the challenge was intended at proposing a methodological framework which can integrate the theory into practice, as well as communicative activities, but the Iranian ESP instructors never reached a clear consensus in terms of uniform model of presenting ESP materials. Notwithstanding, if there is a change in the current paradigm then, there must equally be a change in ESP teachers' cognitive content, syllabi, school texts books, curriculum, and educational policies. The ESP teachers and Non-ESP teachers stand out clearly, recommend the Non-ESP to go through ESP training (see Rajabi, Kiany, & Maftoon, 2012) [20].

So also in Brazil according to Ramos (2017) [21], their Mother Tongue (MT) is Portuguese and it is used as official medium of communication as well, not withstanding, English language is taught as a Foreign Language (FL) as it is in the Brazilian old curriculum but the current curriculum has given every school mandate to include in its curriculum at least one foreign language to be taught in the school, and it is mandatory that they have. It is optional for students to offer it in some instances, depending on one's field of specialization, for instance computer, hotel industry, engineering, tourism etc., though ELT plays its important role as it is in international setting, ESP also has a place as far as educational sector is concerned. As many courses are introduced in Brazilian universities, the demand and request for ESP started growing in Foreign Language Teaching and learning scenario.

After ESP was introduced as reactions for increasing need for it, it was followed by the creation of centre of excellence to guide resources and teacher education for Brazilian universities. That made a lot of teachers to show interest in ESP. With this, there was increasing demand for ESP even from pure sciences, which initiated the need to design and implement ESP courses throughout Brazil's national territory. To step up the position of ESP, the government set out a committee using the nation's academic circle as well as

to organize seminar at the developmental phase; this continued with seminar yearly in regional communities, and contributed to the quick spread of ESP to all parts of the country. To foster the progress of ESP, including the plan to introduce technology into ESP (Ramos, 2017) ^[21].

This development on ESP came with its problems and challenges. They now face the challenge of moving from what he (Ramos, 2017) ^[21] called "General ESP reading" to "academic reading course", meanwhile, there is high demand for English for Academic Purposes (EAP) texts as there are no texts to fill the gap in the market. In the process of designing the curriculum, needs analysis, which is core to ESP, was abandon. So also, the work places' demands are very much stronger; no texts suit their needs to prepare them for their job, and finally, their is need to integrate technology into ESP as that is the quest of the new generation and with it, the future of ESP will be very bright.

Needs Analysis in EPS

The demand to focus on learners' needs originated as a result of having interest in the designing of language courses that could satisfy their individual and social needs. It developed by associating it with the need to teach languages for specific purposes. Therefore, needs analysis became the principal method for determining what is to be included in the curricular of English for Specific Purposes (ESP). The term needs analysis is a procedure which is used to collect information about learners' academic needs, it is also referred to the activities that are involved in the collection of information that will serve as basis for developing a curriculum that will satisfy the needs of students in their specialized fields (Massouleh, 2012) ^[15]. Considering the concept of needs analysis, one can assert that decisions about *what* to teach and *how* to teach involve the issues of decision-making noting its importance to the learners. It is necessary to treat needs as something existing and measurable in itself ideological and that teachers should be encouraged to reflect on whether they serve the best needs of the students by adopting exclusively pragmatic and instrumental goals.

Bhatia (2004) ^[3] in Massouleh (2012) ^[15] identified four areas of competence which address the learners' needs in ESP to develop his confidence in dealing with specialized discourse:

1. *Knowledge of the Code* - is a good foundation for developing communicative competency for experts in specialized fields. The learners should learn basic communication skills.
2. *Acquisition of Genre Knowledge* -the learners should get familiar with appropriate style. They should have knowledge of the terminology in their area of specialization.
3. *Sensitivity to Cognitive Structures* -shows that limited number of the learners dealing with specialized lexical items that have specialized meanings in specific genres. It is important that the specialist learners know the basic aspects of linguistic code in addition to the general language competence.
4. *Exploitation of Generic Knowledge* -learners to confidently interpret, use or even take liberties with specialized communication after reaching certain level of expertise.

Construction of ESP teaching system

The ESP teaching system construction considers the following items to achieve maximum result in its teaching

according to Gai (2017):

1. **Teaching Material Construction:** As there are various specialties in institutions so also are the materials for teaching ESP course to students which are chosen carefully. ESP teaching materials should focus on professional English, highlighting the language skill training aimed at using specialized English to obtain professional knowledge. The lexical part should analyse English in terms of interdisciplinary vocabulary, professional vocabulary, and common vocabulary, so as to make the students master the vocabulary usage.
2. **Teaching Methods for ESP:** There are different methods which can be used in ESP teaching considering different fields, these include methods such as task-based approach and communicative method, having different teaching contents as it will suit the area of study. ESP teachers can aid students develop more interest in the classroom by teaching them using varied design of teaching methods. Emphasis on learner-centered teaching according to learners' needs is one major characteristics of ESP teaching.
3. **ESP Teacher Training:** The teaching efficacy of an ESP teacher depends on his ability level. The insufficiency of professional ESP teachers is a common problem faced by many universities. It is necessary to combine teachers' English proficiency and their expertise as professional teachers to select and compile teaching materials, as well as designing the instructional tasks and adopting appropriate teaching methods.
4. **Teaching Evaluation:** The conventional teaching evaluation puts emphasis on the quantitative score and the summative evaluation methods, but the evaluation of students' ability is de-emphasised. One of the targets of ESP is its application in industries. As the students differ, so also the need to design varieties of evaluation methods; this will make the learning of ESP effective. The formative and summative evaluations are better for ESP teaching evaluation.

Professional and Identity construction

The teaching and learning of ESP generally makes tactic integration of the subject-area domains and language, which ideally ESP teachers will be teaching language at higher qualification, which is to mean, a specialist with a remarkable professional expertise. Therefore, on ESP teachers, most a times feature complex construct which is multiple identities to include language teachers, course designers, evaluators, material providers, collaborators and researchers. Meanwhile, it is lamentable that not much is known about ESP teachers' professional lives and believes.

There is a serious fear about the future of the ESP practitioners' professional identity and careers as Content and Language Integrated Learning (CLIL) which refers to the teaching of other subjects such as the sciences, business, and English as a Medium of Instruction (EMI) which also is geared towards the same goal as CLIL. But notwithstanding, the ESP practitioners still have a strong responsibility in teaching disciplinary literacies as it is an interdisciplinary field and has narrow-angled approach to course design which has a lot to offer in case of handling discipline-specific literary practice (Dudhey-Evan & St. John, 1998) ^[10]. The EMI and CLIL specialists to be able to identify the features of disciplinary literacies and the appropriate pedagogies used for delivery, it is the role of the ESP specialists to train them

(Aguilar, 2017; Arnó-Macià & Mancho-Barés, 2015).

The ESP teachers' professional development still needs to consider several important issues. For substantive and efficient contribution to the teaching of disciplinary literacies, they have to link their specialized knowledge of linguistics and language pedagogy to display or explain how a disciplinary measure-making works. This means that the teachers have to translate the teaching of specialized practices in specific disciplines' methods of production, consumption, communication, as well as the means of evaluating knowledge, and putting novices through apprenticeship of observation (Zhang & Chan, 2017) ^[27].

Identity can be seen as a term, which is relationally constructed, transformational, transitional and negotiated. It is therefore a complex structure as it regards the areas of psychotherapy, philosophy, psychology and sociology as research and theoretical areas. It is therefore inter-subjective as it gives equal attention to both personal and social. The problem of identity is a current issue which is more or less coherent at various time within our lives (Miller, 2011; Sutherland *et al.*, 2010; Day & Kington, 2008; Smirth & Sparks, 2008; Day *et al.*, 2006) ^[16, 9, 3]. Therefore, the professional identity of teachers reflects a sort social and policy construct, and the prospects of what a good teacher is and the educational contents of the teacher. Identity can then be described as distinctive and embedded. It is a distinction because everyone is a product of a unique set of experience, which is understood to be taken and given coherency through self-narration by individuals. While embedded identity relates to the contexts, in which we define who we are, who provides us with an inherent scripts to achieve particular roles and duty (Watson, 2009; Henkiel, 2005; MacIntyr, 1981).

Identity as a concept, concerns both the personal and professional concept, which is central for the comprehension of teaching and teacher education, because to have or to achieve an effective teaching, personal resources and understanding comes in. It therefore considered that teacher teaches who he is, because his beliefs, values, experiences and identity shape and guide his professional classroom practice (Berger, 2004; Palmer, 1998) ^[18]. Therefore, to understand the practice, it is necessary to understand the identity. It is essential for motivation, job satisfaction, self-esteem and commitment to teaching to develop and sustain identity as a professional teacher because it will serve as a mirror to show the difference between the aspects identity embedded that is been created more broadly than others.

Language teacher cognition

The teacher cognition has to do with understanding of what is in mind of the teachers, what they believe and what they know. It depends on the unobservable concept of teaching-teachers' mental lives. Language teacher cognition will consider the school where extensive experience will be gathered by the teachers via the classroom, this will define early cognition and the shaping of teacher's perceptions of his/her initial training. Inclusive also is the professional coursework which may affect the existing cognitive and it can limit the level of knowledge impact; then the contextual factors will influence his practice by either modifying the cognitions or directly. Finally, the classroom practice also includes the teaching practice period. This determines the interaction of cognitions and contextual factors. The experience in the classroom can influence cognition unconsciously (Borg, 2003) ^[6].

The second language (L2) teacher cognition has established an important study area, and afterwards, it took a dramatic change as by quick and steady increase in number of research studying various aspects pertaining what the teachers know, believe and think as L2 teachers and their relationship with the teachers. Considering Phipps and Borg (2007) ^[9], teachers' cognition is highly influenced by personal experience and the cognitive influence will equally affect *what* and *how* they are learning during their student-teachers' period in school. To understand teacher practice better, it is important to consider these two broad areas: Decision making which is conceptualized, and the categorization of teacher knowledge, which in many ways can inform decision-making process (Wu & Badger, 2009) ^[26].

1. Decision Making

Teaching is an activity that involves thinking a lot in which teachers make decisions based on personalized, practically oriented, complex and contextually sensitive knowledge network, and believes. As in the case of ESP, the teachers lack familiarity with the knowledge of the subject matter. Such issues can be handled appropriately when the right materials are developed or the members of the target discourse groups be consulted to make it part of the lesson preparations (Northcott & Brown, 2006; Borg, 2003; Glendinning, 1997) ^[6].

2. Categories of teacher knowledge

The choice made of a particular teaching technology is informed by complex network of knowledge. Various scholars have categorized teacher knowledge into various categories, few of them include: Elbaz (1983) presents into five categories, Shulmann (1986; 1987) proposed seven while Grossmann (1990) presented four. All these divisions according to Tsui (2003) ^[24] are constructs based on individual researchers, as they all manifest in the teachers' classroom practices and cannot be separated according to distinctive knowledge domains.

Categories of teacher knowledge in ESP

The pedagogical content and subject matter when applied in ESP, the division between the two is often complicated as they are potentially fuzzy and at times, they are controversial because the ESP teachers have both (Wu & Badger, 2009) ^[26]. Meanwhile, Hutchinson and Waters (1987) ^[13] states that the ESP teachers have to endeavour to learn the language beyond the leave of their previous experience but there is no limit to the extension of ESP teachers' knowledge. In attempt to fix this issue directly, three areas have to be considered: the first is that teachers have to shape their knowledge especially that of discipline, culture and values because they are essential sociological; and the epistemological knowledge which is the basis of different fields/areas. Then lastly, the genre and discourse knowledge that is mainly linguistic in character. Therefore, the knowledge of ESP teachers should be to understand the formation or structure of materials required for ESP specialists.

Training of ESP teachers

ESP Teachers' Training and retraining is very important because they are expected be well groomed in the field so as to meet students' needs. To achieve this target, the teachers should go through some basic steps according to Bracaj (2014) ^[7].

1. **Selection:** This means only selected few that are ready and interested to specialize in the courses and are ready to contribute their quarter to the development of the field should be selected.
2. **Continuing personal education:** Teachers are well-educated professionals; therefore, this occurs using various means of improving one's personal educational advancement/development.
3. **General professional training as an educator and teacher:** These are what the ESP teachers should know regardless of which subject they teach, especially the learners' area of specializations. This has to do with areas such as principles of education, the educational psychology, and social psychology etc this will lead to better understanding of the nature of education required by the trainees.
4. **Teacher of a foreign or second language teacher training:** When special training is organized for teachers, it makes them understand their students' needs better. This is an important element for ESP teachers as it forms the basis for their courses, as the teachers will be able to offer them the appropriate needed knowledge which would be very helpful to them in their careers.

Challenges for ESP

The inadequacies of the traditional theory/models in ESP practice to cater for the challenges of the present-day made it impossible to attend to the demands of the interdisciplinary academic professions. The introduction of more interdisciplinary courses by universities, developing tension among work place and academic, and the complexities witnessed in modern multi-media created room for such challenges. The models used in language teaching and learning raised a lot of questions. Bhatia, Anthony, and Noguchi (2011) [4] state that a work on genre favoured an ESP model which concentrated on acquisition of professional expertise. There has not been enough exploration in research about linking ESP methodologies to the theories of language learning acquisition (Basturkmen, 2002) [1], he promulgate a framework that can serve as help to ESP teachers in their practices and approaches. It is made of three elements which are learning, language, and teaching. It caters for grammar, vocabulary development and ESP text organizational pattern, also looks at cultural assimilation, linguistic information and basic interaction in learning language; then methodological applications to both ESP and General English teaching; while team teaching has a different approach which is best applied in ESP.

Tsou and Chen (2014) proposed a new evaluation framework for ESP program which was informed by the stakeholders' goals which consists of course evaluation, learner assessment, and teacher participation and empowerment. They adopted the first two from Hutchinson and Waters (1987)'s approach and were updated, while the third was taken from the FL model, and they added other elements which include authenticity, learner autonomy, and transfer of learning which are essential for learning. The newly updated proposal took the stakeholders' needs and goals were taken into consideration. The new proposal considered the Learner assessment taken from the former and has three elements for assessment: proficiency, placement, and achievement tests. Meanwhile, teacher participation and empowerment is assessed considering; detected organizational assistance, decision-making, and job satisfaction.

Conclusion

ESP since its establishment witnessed several changes since its inception. Traditionally, the quest for ESP research has been to satisfy the learners' and users' unique English language needs. ESP according to Bucher (2006) in Christine (2013) could not show the boundaries between researchers, curriculum developers, materials designers, and instructors as they are often very unclear. To address some of these problems and challenges, there is need for reflective reading course and provision of enough well trained specialists in the field of ESP. In addition, more investigations into needs analysis with well mapped targets should be carried out and supported. Furthermore, more areas of research and methodologies have been introduced and the approaches are centred on learners as Hutchinson and Waters (1987) [13] advocated, the afterwards, by Tardy (2006). Then, there could be further interest on research based classroom and other areas that are less considered in the academic scene, this can be of benefit to local and international scholars where English is a lingua franca. More material development for the teaching of ESP. Also, the designing of a clear and consistent curriculum for the course as well as training of ESP teachers for the job be done professionally. The teachers should go through rigorous pedagogical training to perfect their skills.

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