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The Effect of Professional Competencies on Job Performance: A Literature Review

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Abstract--- Professional competencies play an essential role in improving employee's job performance. However, previous studies neglect the effect of competency components, namely knowledge, skills, traits, motives and self-concept on job performance. Therefore, this paper aims to give an overview of the effect of professional competencies and its constructs on job performance through reviewing previous literatures. A conceptual model is proposed on the basis of literature review. And the finding reveals that whether professional competencies and its construct can affect job performance in different situations is still need to be confirmed.

Keywords--- Professional Competencies, Job Performance, Professional Competencies Constructs.

I. Introduction

Professional competencies are individuals' underlying characteristics that will affect their performance in a specific job and can distinguish employees with excellent performance from those with mediocre performance [1]-[3]. With the development of social economy, the importance of competency in the fierce market competition is becoming more obvious. It plays a vital role in job performance, and the level of job performance finally determines the future development direction of enterprises [4]. Their relation can be confirmed through the theory constructed by Lyle Spencer and Signe Spencer, who stated that competency is a deep part of an individual's personality and can predict a wide range of behaviors and performance at work, which may include knowledge, skills, traits, selfconcept and motives [5]. Meanwhile, it is also further studied by Jin, Fang, Yang and Liu, and Saragih, Sanusi and Manan [6], [7]. However, previous studies only concentrated more on the effect of entire competencies to job performance[8]–[10], neglecting the relationship between the components of professional competencies and job performance. Therefore, this study aims to fill in this gap and gives an overview of the effect of professional competencies and its constructs on job performance through reviewing previous literatures, which can provide suggestions for policy makers that in order to improve employee's job performance, more attention can be paid to individuals' competencies.

II. LITERATURE REVIEW

2.1 Professional Competencies

Lyle Spencer and Signe Spencer defined competencies as an "underlying characteristic of an individual that is causally related to criterion referenced effective and/or superior performance in a job or situation" [5]. An underlying characteristic points to motives, traits, self-concept, knowledge in a certain field or skills that can significantly distinguish between excellent and general performance [5], [11], [12].

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Knowledge is the organization and use of information that is useful in a particular occupation [13] . It refers to

the specialized knowledge needed in a certain professional field [5], [14], [15]. For example, teachers should master

teaching knowledge and the professional knowledge of their specialty; nurses should obtain the knowledge of

nursing.

Skills mean the ability to master and apply specialized technologies in order to finish a certain work [5], [15].

For instance, managers should have writing skills and computer applications; actors should master the knowledge

and ability of performing. The working skills possessed by employees can enable employees to have a deeper

understanding of their work responsibilities and how to efficiently complete their daily work tasks and perform well

[16].

Traits refers to the individual's reaction mode, tendency and characteristics to the external environment and

various kinds of information [5], [15]. Parks-Leduc, Feldman, and Bardi considered that traits are a description of

people's stable behavioral patterns, thoughts and emotions [17]. For example, introverted or extroverted, emotional

stability and etc. are all traits. Traits can make people's behavior show the psychological tendency of persistence,

stability and consistency, which will finally have a great impact on their own behavior and job performance [18].

As the Cambridge Dictionary showed, motives is the reason to do something, or something that promote the

action [19]. Boyatzis considered that motives involve ideas related to a particular target or topic [14]. Motives refer

to the internal driving force that pushes and maintains individuals to take actions to achieve certain goals [5], [15],

[20]. In other words, motive is a way of thinking formed in one's mind when one wants to do something, and it is

also an idea generated when one makes a certain decision. For example, people with strong achievement motives

often set some challenging goals for themselves and try their best to achieve them; people with strong innovation

motivation are always thinking about new ideas, etc.

Self-concept refers to "a person's attitudes, values, or self-image" [5], [15]. Self-concept is an individual's

understanding of one's own ability and self-value, and also is a certain social image one expects to build. It is a

process of sociality and gradualness, which is formed through continuous change in the field of perception [20],

[21]. Rosenberg thinks that the self-concept is the sum of the individual's thoughts and feelings towards the self-

object, which includes the individual's various views towards himself [22].

2.2 Job Performance

Job performance is used to describe how well a worker fulfills his or her job duties. Performance is essential to

employees, employers and the whole organization as it will directly affect the promotion, dismissal and salary of

employees and the overall decision-making of the organizations [23]. According to Viswesvaran and Ones, job

performance can be defined as a series of actions, behaviors and results that employees participate in or can bring

about, which are closely related to organizational goals and contribute to the realization of organizational goals [24].

In other words, the performance of employee can be seen from different angles, the most significant of which is that

performance is primarily aimed at the organization's main objectives [25].

Different researches have been conducted to study the relationship between employee performance and other

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variables [26]. Chen and Yu conducted a survey on 240 preschool teachers randomly selected from the kindergarten

in Xi 'an, and the result showed that the job performance of preschool teachers was above average, with the highest

score for task performance and the lowest score for work dedication [27]. Meanwhile, it is also found that the higher

the work pressure, the lower the job performance. Sony and Mekoth paid attention to the job performance of

frontline employee, who pointed out that the nature of job performance is closely related to the needs of the job, the

organization's goals and the behavioral beliefs that the organization values [28]. The result indicated that emotional

intelligence and adaptability can positively affect the performance of frontline employee.

After collecting data from 295 managers in Thailand, Siengthai and Pila-Ngarm emphasized that job design and

job satisfaction can effectively improve employees' job performance [26]. Results showed a positive relationship

among these three variables. Shin, Hur and Kang studied job performance among 250 hotel staffs in South Korea

[29]. The research examined the links between corporate social responsibility and employees' job performance, and

also the mediators of organization identity and job satisfaction. Findings showed that perceived corporate social

responsibility can indirectly and positively affect job performance through organizational identification and then job

satisfaction. In addition, Sharma and Dhar explored the impact of affective commitment to job performance of 349

nurses in Indian [30]. It can be found that the direct relationship between affective commitment and job performance

of nursing staff is 0.70, which shows a great impact on job performance.

Job performance is one of the most famous discussed terms in the field of organizational psychology [25].

Soodmand and Doosti stated that organizations strive to measure the performance of employees and use the information to construct training and selection programs in order to improve the whole performance of employees

[25].

2.3 The Effect of Professional Competencies on Job Performance

Previous literatures indicated that professional competencies can produce a significant effect on job performance

[31]–[34]. However, the relationship between the dimensions of professional competencies and job performance has

been neglected by researchers. In fact, the components constructed by Spencer and Spencer, Jin, Fang, Yang and

Liu, and Saragih, Sanusi and Manan, which include knowledge, skills, traits, motives and self-concept, have close

relationship between job performance respectively[5]–[7].

Knowledge is considered as one of the essential factors in achieving competitive advantage and high

performance in organizations [35]. Liu, Xia, Jiangyong and Lin held the opinion that the business knowledge of

returnee entrepreneurs learned from aboard will enable the established company gaining some competitive

advantages which other local entrepreneurs will not obtained, thus can finally improve the organization performance

[36].

Rangchian, Mehralian, Vatanpour and Salamzadeh put their research of knowledge and performance to the

industry of pharmacy in Iran [37]. The result indicated that the pharmacy achievement can be affected by enhancing

the knowledge, skills and behavior. Meanwhile, Groza and Groza paid their attention to salesperson, who considered

that the knowledge of salesmen is an essential element which will influence performance, especially the regulatory

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knowledge [38]. And the result also supports the forecast, indicating that the regulatory knowledge of salesmen has

a positive relationship with sales performance. This is in line with the research of Sujatha and Krishnaveni, who

emphasized that knowledge can promote performance with better quality and lower cost through product and

process development [39].

Several scholars think that the skills employees possessed are related to job performance. Abas Maripaz, A.

Imam and Osman considered that the acquisition of skills had close relationship with task performance, while from

the data analysis, part of the skills had a little influence with job performance [40]. However, this is different from

Bisconti who held the opinion that some fundamental skills can help employee perform their work well and

efficiently [41].

Moghimi, Chamanzamin and Maghsoodi, in the research of fire managers, emphasized that communication skill

for fire managers was closely related to the employees' performance [42]. The reason lies on the stronger

communication skills they have, the more they can do to support and encourage the subordinate in order to achieve

the goals of both personal goals and organization goals, which will finally affect their performance. Meanwhile,

Cho, Bonn, Giunipero and Divers paid the attention to the field of purchasing in restaurant, which indicated that

there is a positive and significant influence between purchasing skills and the restaurant performance [43].

Meanwhile, other researchers also hold their own opinion about the two variables: traits and job performance.

Motowidlo et al. concluded that traits can affect contextual performance by influencing contextual knowledge, skills

and habits. In particular, conscientiousness, which is a special personality trait, also impact task performance by

influencing task habits [44]. Behling considered that traits is one of the important and useful factors to performance

[45]. Oppong et al. held that because of neglecting the importance of traits, many institutions are suffering the

situation of dissatisfaction with job and low employee performance [46]. Ghani, Yunus and Bahry did a research in

Putrajaya which indicated that the personality traits of leader had a close relationship with their job performance

[47].

Motive is an important factor that can boost performance, as motivated employees have the incentive to perform

and will always try to do something to improve the job performance [48]. Several literatures also analyze the

motives of work and study the relationship between motives and work behavior, work performance, job satisfaction

and other variables. Neha Sharma and Avni Sharma conducted a research in the bank of Jaipur. They hold the

opinion that employees of their own motives including personal incentives can promote individuals to work hard in

order to achieve high performance, so there exists a relationship between motives and performance, especially

money become a key factor of motives. Trust, recognition and appreciation by leaders and colleagues, respect from

others, and the condition of working place which are also kinds of motives people nowadays realize the importance

[49]. Moreover, Afful-broni also concluded that low salaries and lack of motives will reduce performance in

universities after doing a research in selected university in Tarkwa [50].

In higher education, motive is also related to job performance. In the research of Zlate and Cucui, the

motivational mechanisms in high education lead to the performance of all the staffs [51]. Therefore, the essential

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problem in universities nowadays is how to build institutions in order to help staffs get motives so as to achieve high

performance. Ren considered achievement motives have a good predictive and explanatory effect on job

performance [52]. And the motives to pursue success have no significant effect on job performance, while the

motives to avoid failure can significantly predict and explain job performance.

At the same time, self-concept is of great significance to individual's personality and behavior [53]. In the study

of Khalaila, who did the research in students, considering that self-concept includes students' attitudes, beliefs and

opinions on their own intelligence, skills and performance, and the academic self-concept is highly corelated to the

achievement [54]. It is summarized that the higher self-concept is, the higher of the academic performance. This is

consistent with the research of Sikhwari, who holds the same opinion that here existed a significant correlation

between self-concept and academic performance, and these two variables mutually impact and determine each other

[55].

For example, one achieves high academic performance can promote the positive development of self-concept, on

the contrary, once fails to achieve high performance can make people feel worthlessness which finally cause an

experience of the negative self-concept. Meanwhile, the result of Christoph, Goldhammer, Zylka and Hartig showed

that computer self-concept played an important role in the performance results [56]. While in the research of Dockx,

De Fraine and Vandecandelaere, the result is different from others. They summary that if the student is in a class

with higher academic performance, he will get lower academic self-concept than in the class with low academic

performance which is on the basis of big fish little pond theory [57].

Otherwise, some researchers hold the opposite opinion from Dockx et al.. Albert and Dahling, and Parker et al.

considered that self-concept can be a critical predictor of academic job performance among students [58], [59]. Liao

highlighted that self-esteem, as one of the important self-concept, will encourage personnel to become efficient

employees and achieve high performance in the work [60]. This is in consistent with Van Zanden, Marsh, Seaton

and Parker, who emphasized that self-concept and performance are complementary and interrelated, so the measures

aiming at improving performance should simultaneously reinforce self-concept [61].

Through previous literature, it's easy to say that relevant researches on competencies at home and abroad have

yielded fruitful results, especially in the application of modern human resources management. However, there are

different views on the relationship between competency constructs and job performance. Some scholars hold the

opinion that professional competencies include the five components can significantly affect job performance in

different fields, while others state different perspectives. Therefore, researchers still need to investigate the

relationship between professional competency constructs and job performance.

III. PROPOSED CONCEPTUAL FRAMEWORK

A conceptual framework can be proposed according to the previous literatures, which can be further studied in

the future. The conceptual framework shows the relationship between the components of professional competencies

and job performance.

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Skills

Professional competencies

Motives

Self-concept

Figure 3.1: Proposed Conceptual Framework

IV. RESULT AND DISCUSSION

Professional competency is manifested as job-related knowledge, skills, traits, motives and self-concept, which is conductive to improve job performance. Even though scholars already studied the relationship between professional competencies and job performance, the effect of competency components on job performance is still need to be confirmed in future research. Thus, a conceptual framework is proposed according to the previous researches, which can be adopted in specific positions to do further research. This study provides a new vision for the performance research, and believes that the employee's job performance can be studied on the basis of competency. In order to improve the job performance of employees, it can consider improving the competency of employees. And the evaluation of job performance can also consider the various elements of competency.

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