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Personal development and self-actualization of different employee generations-important key to the organizations success

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ABSTRACT

The presented paper presents the results of the project VEGA No. 1/0721/20 "Identification of priorities for sustainable human resources management for disadvantaged employees in the context of Industry 4.0". It focuses on the importance of personal development and self-realization for employees in industrial enterprises in the Slovak Republic about generation groups. The aim was to identify the preferences of employees in the subject area and their fulfillment by employers.

The following research methods were used to process the paper: a comparative analysis of literary sources, questionnaire survey, statistical evaluation of results using IBM SPSS 22.0 (Statistical Package for the Social Sciences), and interpretation of research results in industrial enterprises in Slovakia.

Keywords: Personal development, Self-actualization, employee generations.

1. Introduction

Businesses are open systems in which there is a economically useful knowledge and skills. constant exchange with the surrounding environment, from which they draw resources such as employees and to which they supply/provide their services. If they want to survive in the market, they must show a high willingness and readiness, and ability to change. New strategic directions [1], restructuring [2], and staff reductions [3] are a manifestation of the intensity of change.

According to J. Plamínek [4], it is necessary to realize that human resources are not only people but their preconditions, the potential necessary to perform actions that we humans carry.

Human capital is comprised of knowledge, skills, and practices that allow human beings to create income and other useful benefits for themselves, their employer, and society as a whole (above initial investment and operating expenses) [5].

fixed level of education as equivalent to the actual body of

Learning is motivated by 'an interconnected mix of intrinsic and extrinsic factors' Riddell [8] comments, adding 'economic instrumentalism is very far from the sole or even the main, driver of the decision to participate in adult education. Human beings are also motivated by such factors as 'the love of learning, the desire for personal growth and the urge to exert some control over future life events [9].

Adult education, at its best, provides not only improved professional skills and employability training, nor just better cultural habits but intellectual growth, transformation, and change. The debate about further education generally focuses on young adults, but in reality, adult learners a very diverse group seek to learn at different points in their lives [9].

2. Theoretical Background

In a simplified way, we can say that the company's The authors of human capital theory [6,7] accepted a formally performance is determined by the performance of people and



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dependent on one another. It can be hard to imagine powerful Markov, etc.) [19]. and sophisticated processes to be are processed by inefficient people [10].

For companies, people must work with advanced technologies technically, knowledge-wise but also physically (healthily) fit, able to react flexibly to changes, creative people, able to implement innovations [11].

The core elements of innovation-driven include innovations and R&D efforts. Its developments require enough knowledge production and innovation capabilities. Moreover, it requires talents who act as the carrier of knowledge and also the foundation of innovations and R&D. Flood, Turner, and Hannaway [12] proposed that an industry that has high knowledge contents can enhance its organizational competitiveness and those employees play the key role of value creation for the organization. Moreover, an employee's innovative behavior is a critical factor to the long-term sustainability and success of an organization. [13, 14]

The most important key to the competitiveness enhancement for an enterprise or organization to overcome the deadlock under the present highly competitive environment is whether its employees can perform innovative behavior. [14, 15]

Organizational learning positively and significantly affects employees' overall innovation behavior, and work between the two [14].

Successful personal growth requires motivation, the desire to improve, and the willingness to strive to make changes. You also need to be willing to get out of your comfort zone, and sometimes, do things that are uncomfortable, but are for your good. An open mind and the desire to learn and grow are also important.

Growth needs do not stem from a lack of something, but rather from a desire to grow as a person. Once these growth needs have been reasonably satisfied, one may be able to reach the highest level called self-actualization [16].

Self-actualization a person's desire to use all their abilities to achieve and be everything that they possibly can. The expression is used by Maslow in his theory of human individuals want from their work, what kind of workplace motivation. (Definition of "Self-aktualization" from the [17])

According to Verešová, self-actualization is an instinctive need to fulfill one's abilities and strive to be the best one can be. Self-updating is most often interpreted as the realization of one's potentials, possibilities, or the use of one's capacity for a creative life. Maslow understands selfactualization as the self-fulfillment of the man with his meaning. It is not peace and conflict-freeness, but a constant way to be better, more perfect, more creative [18].

Self-actualization and its structural components in the system of a holistic personality have been relevant for scholars labor market in the Slovak Republic. The survey was

processes. Process and people's performance are mutually Rogers, A.A. Bodalev, A.G. Asmolov, A.A. Derkatch, A.K.

Studying this issue is important for the psychologicalpedagogical science due to the contradictions of modern society, in which only a self-actualizing person can realize oneself in the instability of economic and social spheres, actively accepting the realities of life and being capable to reflect and transform these realities within the humanist paradigm through self-understanding, self-acceptance and maximum realization of capabilities and abilities.

One of the characteristics of a person in the process of self-actualization is free-thinking and creativity. Such a personality trait gives an individual the ability to creatively relate to life in all its manifestations [19].

Companies are looking for suitable approaches to develop the potential of their employees and are willing to invest their resources in this area. Individual learning is important as a basis for corporate collective learning. What the employee learns should be available to other employees of the company [11].

Knowledge transfer in multi-generation teams, between employees in different stages in their professional careers, means both provisions of new knowledge to an employee and increase of knowledge thanks to the knowledge and experience already possessed by receivers [20].

Intergenerational learning is a generational phenomenon engagement presents mediation effects on the relationship in the workplace that is of particular interest to human resource development. It concerns individuals' joint construction of knowledge through an exchange of information with one or more individuals from different generations [21].

> As stated by [22], one of the emerging challenges in Industry 4.0 is the changes in the workplace demographic. The admission of the younger generation in the workplace presents a new challenge on the ability to transfer knowledge, mainly because of their characteristic differences with the older generation already settled in the workplace. If not treated correctly, this condition could incapacitate an organization's capability to retain and at the same time expand its knowledge base [23].

> Generational differences are likely to determine what environment is wished for, and how organizations can satisfy these wants and desires [24].

3. Methodology

The questionnaire is one of the most commonly used methods in research. It is used to collectively and quickly find out facts, opinions, attitudes, preferences, values, motives, needs, and interests [25]. For the above reasons, we chose the questionnaire in our survey as a tool for data collection.

The research sample consisted of employees of all generational groups, which are currently represented in the and practitioners for a long time. (A.G. Maslow, G. Allport, K. conducted from May 2018 to January 2019. The questionnaire



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others contained a range of different answering options that the respondent could identify. Due to the scope, only some questions were selected and evaluated to process this paper.

The research methods – IBM SPSS 22.0 (Statistical Package for the Social Sciences) was used to summarize, process, and analyze the obtained data. Basic statistical characteristics (absolute and relative frequency, average, median, modus, and standard deviation) were used to evaluate the results. Descriptive statistics tools (tables, graphs) were used to interpret the data.

The research questions (RQ):

RQ 1: What importance do different generations of employees attach to the factors of personal development and self-actualization?

RQ 2: How do different generations of employees in industrial companies perceive the fulfillment of the factor of personal development and self-actualization?

contained 40 questions, of which 8 were open-ended and RO 3: What are the differences between the importance and fulfillment of the factors of personal development and selfactualization in employees of different generations in industrial enterprises in the Slovak Republic?

4. Result and discussion

A total of 534 respondents from all over Slovakia took part in the research. The research sample (N=534) consisted of employees of industrial enterprises, where the automotive industry has the largest share (30.7%), engineering industry + production (29.6%), electrical engineering (6.6%), food industry (5.8%), information technology (3.4%). Table 1 shows the composition of respondents according to the size of the enterprise in which they are employed, with respondents from enterprises with more than 500 employees and respondents from medium-sized industrial enterprises (51-250 employees) having the largest representation. 48.9% of men and 51.1% of women took part in the research, so we can state an equal representation of both sexes in the research.

Table 1: Composition of the respondents according to the enterprise size (own elaboration, 2019)

Enterprise size	Absolute	Relative		
	frequency	frequency (%)		
1-10 employess	32	5,99		
11-50 employess	66	12,36		
51-250 employess	105	19,66		
251-500 employess	68	12,73		
More than 500 employess	263	49,25		
Total	534	100,00		

groups is shown in Table 2. It is clear from the table that the composition of generational groups in the labor market in the composition between generational groups is uneven, but we Slovak Republic.

The composition of respondents based on generational can say that the composition of respondents corresponds to the

Table 2: Composition of the respondents according to generation group (own elaboration, 2019)

Generation group	Absolute frequency	Relative frequency (%)		
Baby boomers	36	6,74		
Generation X	153	28,65		
Generation Y	323	60,49		
Genaration Z	22	4,12		
Total	534	100,00		

largest part consists of administrative and technical-economic employees (40.4%), specialists (23.3%), management employees (18.5%), production employees (9.6%), and others (7.9%). The composition of the respondents in terms of educational self-actualization?

From the point of view of employee job positions, the attainment was 0.7% with primary education, 38.0% secondary education, and 61.3% university education.

> **RQ1:** What importance do different generations of employees attach to the factors of personal development and



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Table 3 presents the observed average values and classification scale for different generations. Respondents from standard deviations of the importance of the factor of personal development and self-actualization for different generations of employees in industrial enterprises. The importance of these factors was assessed on a 5-point scale, from a minimum (1) to a maximum (5) value. The overall average value of the importance of the personal development factor is 4.30 and at self-actualization is 4.12. From the average values, it is clear to what extent the above factors are important on the 5-point

the BB and Z generations show a difference in the importance of the examined factors. Generation BB attaches more importance to self-actualization, but in generation Z we state the opposite assignment of importance, they attach more importance to personal development. For generations X and Y, the responses are more balanced and the degree of variability of responses is lower.

Table 3: The importance of analysed factors for various generations of employees

Factors -	Baby boomers		Generation X		Generation Y		Generation Z	
importance	Average	Std.Dev.	Average	Std.Dev.	Average	Std.Dev.	Average	Std.Dev.
Personal	3,78	1,045	4,14	0,899	4,44	0,713	4,23	1,020
development								
Self-	4,17	0,845	4,14	0,877	4,11	0,814	3,95	1,090
actualization								

RQ2: How do different generations of employees in previous finding (Table 3) indicates a lower fulfillment of industrial companies perceive the fulfillment of the factor of personal development and self-actualization?

Table 4 shows the average values and standard deviations of the fulfillment of the factor of personal development and self-actualization for different generations of employees in industrial enterprises. The total average value of the fulfillment of the personal development factor is 3.19 and importance. at self-actualization, it is 3.37, which in comparison with the

these factors by employers than the employees would like. From the average values, it is clear to what extent the above factors are met on the 5-point classification scale for different generations. The degree of variability in the perception of the fulfillment of the examined factors personal development and self-actualization is higher than in the attribution of

Table 4: The fulfillment of analysed factors for various generations of employees

Factors -	Baby boomers		Generation X		Generation Y		Generation Z	
fulfilment	Average	Std.Dev.	Average	Std.Dev.	Average	Std.Dev.	Average	Std.Dev.
Personal development	3,17	1,000	3,12	1,118	3,25	1,066	2,91	1,342
Self-actualization	3,42	1,052	3,28	1,060	3,41	0,988	3,41	1,054

generations in industrial enterprises in the Slovak Republic?

For each of the analyzed factors, a more detailed analysis was performed to evaluate the third research question.

RQ3: What are the differences between the During the processing of the research results, interesting importance and fulfillment of the factors of personal findings concerning individual generations were found. The development and self-actualization in employees of different results of the research are also presented in graphical form for better illustration (Figures 1 and 2).



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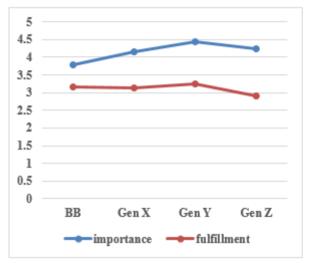


Figure 1: Factor - Personal development

Personal development (Figure 1): Based on the results of the research, it can be stated that personal development is the most important factor for Generation Y. The oldest generation of Baby Boomers does not consider this factor so important, which is understandable as the representatives of this generation have mostly reached the peak of their careers. As for the fulfillment of this factor, the lowest level is declared by Generation Z, which may be related to entering the labor market, with the representatives of this generation still looking for their place in it.

Self – actualization (Figure 2): Based on the results of the research, it can be stated that self-actualization is an of the answers to this question are shown in Figure 3. important factor for all groups of generations (range 4.17 -

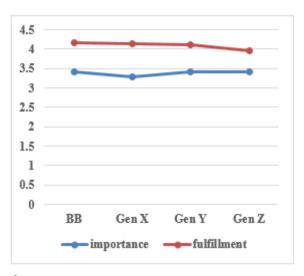


Figure 2: Factor – Self - actualization

3.95). The differences between the importance and the fulfillment of this factor are almost the same for all generational groups. Generation X respondents are the least satisfied with the fulfillment of the self-actualization factor.

The survey was focused on finding out whether employees feel or met the preference of a certain age group when supporting personal growth. For this reason, we asked the respondents in the questionnaire survey: "Which age categories of employees are preferred in education in your organization?" On the other hand, 37% of respondent's state that younger employees are preferred in education. The results

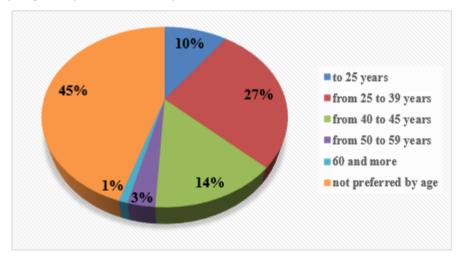


Figure 3: Preference of employees in education with regard to age categories

5. Conclusion

the factors of personal growth and self-realization are important for employees, but they are not sufficiently fulfilled according to their expectations by employers. In business practice, management should make more use of investment Each generation has its characteristics, which in human

opportunities in human resource development. Within From the findings of the research, it can be stated that incentive programs, it is one of the ways to fulfill the ambitions and expectations of its employees. Not only according to our findings but also in connection with known motivational theories, such as Maslow's hierarchy of needs.



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considered.

Our findings, even when confronted with the opinions and findings of other authors, can be considered relevant and their consideration can help in business practice in the effective management of human resources.

Age awareness must be developed, particularly among HR managers and staff representatives at all levels, if organizations are to develop a corporate climate sensitive to demographic change and with a positive attitude towards aging [26].

"On the issue of the importance of human capital and education, Becker in [27] stated the following theoretical facts:

- Income is generally an increasing function due to a person's age (albeit at a declining rate).
- The unemployment rate is inversely proportional to the level of skills.
- Young people change jobs more frequently, and therefore acquire knowledge and learn on the job; at the same time, they receive more training than their older colleagues. "

In addition, as younger workers tend to demonstrate higher growth-related motives, and older workers tend to show higher generativity related motives [28, 29], younger workers may be perceived as able and willing to receive knowledge to develop themselves, while older workers may be recognized as the ideal knowledge senders, who aim to benefit others [30-321.

The finding that older workers are expected to contribute their knowledge, but might not be considered appropriate knowledge recipients by their colleagues, might

resources management company management should be have detrimental effects on older workers' perceived developmental opportunities. As these opportunities are important for many older workers who wish to develop their knowledge and skills until retirement [33, 34], organizations should be careful not to disregard older workers when creating opportunities for development [32].

A WEF survey of international businesses [35] showed that the world's largest employers do not have any desire to retrain each one of their workers to help and increased competition. The corporate sector is ready to invest in training only for its most productive employees, and even in such cases, the expectation is for them to take their initiative. The rest of the workforce will likely shift to freelance and temporary employment [36, 37].

The Mincer earnings function, in which salary is a function of education and work experience, has become the main instrument for assessing the effectiveness of investments in human capital. It is important to note that this function gives greater weight to specific human capital as compared to the general: the log of salary equals the sum of the linear function of years of schooling and the square function of work experience [36, 38, 39].

Modern economies require people to invest in acquiring knowledge, skills, and information not only when they are young, but for most of their lives.

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