Bui Mai Hoang Lam

Table of Contents

Mục lục

Human capital development in East Asia: An empirical implication for Vietnam's education and training needs	1
Phát triển nguồn nhân lực ở Đông Á: Hàm ý thực nghiệm đối với nhu cầu giáo dục và đào tạo của Việt Nam	
Joseph Thean Chye Lee, Go You How	
Human resource planning reforms in South Korea: Implications for Ho Chi Minh city	13
Cải cách quy hoạch nguồn nhân lực ở Hàn Quốc: Hàm ý đối với Thành phố Hồ Chí Minh	
Nguyen Phan Thu Hang, Le Lan Huong	
The needs for Japanese-speaking human resources in Vietnam/ Japan, and language education	23
Nhu cầu nhân lực nói tiếng Nhật tại Việt Nam/ Nhật Bản và giáo dục ngôn ngữ	
Matsuda Yukiyoshi	
A study on impact of accounting education on improving the quality of human resource accounting	30
Nghiên cứu về tác động của giáo dục kế toán đối với việc nâng cao chất lượng nguồn nhân lực kế toán	
Pham Ngoc Toan, Le Quang Man	
Factors affecting the tourist's behavioural of booking tours via online network in the new stage: Case of Ho Chi Minh city	43
Các yếu tố ảnh hưởng đến hành vi của khách hàng khi đặt tour du lịch trực tuyến trong bối cảnh mới: Trường hợp Thành phố Hồ Chí Minh	

Ranking criteria of university lecturers' happiness index in Ho Chi Minh City, Vietnam	59
Xếp hạng các tiêu chí đo lường hạnh phúc của giảng viên đại học tại Thành phố Hồ Chí Minh, Việt Nam	
Huynh Dang Bich Vy, Nguyen Le Hoang Thuy To Quyen	
Current status of nutritional knowledge and dietary behaviors of students at the University of Sports Ho Chi Minh city	73
Mối quan hệ giữa kiến thức dinh dưỡng và hành vi ăn uống của sinh viên trường Đại học Thể dục Thể thao Thành phố Hồ Chí Minh	
Nguyen Minh Xuan Huong, Nguyen Van Tang, Nguyen Tan Danh, Nguyen Minh Xuan Hong	
COMMUNICATION	
Thông tin khoa học	
Linking the Mekong Delta region in the development of agriculture model in combination with tourism	83
Liên kết vùng Đồng bằng sông Cửu Long trong phát triển mô hình nông nghiệp kết hợp du lịch	
Tu Minh Thien	

Identifying the development of high - quality tourism human resources in Vietnam when joining the international labor market and issues to solve

Nhận diện sự phát triển nguồn nhân lực du lịch chất lượng cao của Việt Nam khi gia nhập thị trường lao động quốc tế và những vấn đề cần giải quyết

Pham Xuan Hau

HUMAN CAPITAL DEVELOPMENT IN EAST ASIA: AN EMPIRICAL IMPLICATION FOR VIETNAM'S EDUCATION AND TRAINING NEEDS*

Joseph Thean Chye Lee¹, Go You How²

¹Asia Entrepreneurs Academy, Malaysia ²Universiti Tunku Abdul Rahman, Malaysia Email: joseph@aea-asean.org Received: 13/05/2022; Accepted: 06/07/2022

Abstract

Human capital development is a contemporary issue facing Vietnam's academia, private organizations, and public policymakers. This paper illustrates Singapore as one of the highly developed countries in East Asia that successfully invests, designs, and manages human capital, asset, and resources for its economic growth. The discussion suggests certain propositions with a conceptual framework as an empirical implication to Vietnamese counterparts for further examining the relationships among human capital investment, human asset development, and human resources in the context of Vietnamese education and training needs.

Keywords: Human capital, human asset, human resource, education, training

1. Introduction

Human resources, human assets, and human capital are the three intertwined concepts in the literature of business management and financial accounting. Yet, each of these elements has its distinctive role to play in the pursuit of organizational excellence and national growth.

A resource is the supply of usable ingredients, parts, or components mandatory in the process of converting the basic materials to finished goods. It is also considered the availability of one's capability to create or add value to the services rendered. The notion of "resource"

is conceptualized by different schools of economic thought. The classical economics of Adam Smith and David Richardo characterize resources as physical and tangible factors of production such as Land, Labour, and Capital. The neoclassical economics of Robbins (1932) argues that resources are scared and limited to meet people's unlimited needs and wants. As such, the allocation of scared resources is a fundamental economic problem organizations. In the literature of strategic management, Barney (1991) has developed his resource-based view (RBV), postulating that firm resources are heterogeneous and

1

^{*} Selected from the International Conference "Supply and demand for high - skilled labor in East Asian countries: Challenges and solutions for Ho Chi Minh city" held in Ho Chi Minh City, Vietnam on 29th June 2022.

thus can lead to both comparative and competitive advantage. The RBV theory also redefines the paradigm of classical economists by contending that resource is not only tangible but also intangible in nature. In addition, Barney (1991) extends his conceptualization of resources by characterizing them as value, rare, imperfectly imitated, and non-substitutable (VRIN). Such conceptual definition of resource from Barney reinforces the resource's role in developing competitive advantage.

In addition, Barney (1991) extends his conceptualization of resources by characterizing them as value, imperfectly imitate, and non-substitutable (VRIN). Such conceptual definition of resource from Barney reinforces resource's role in the development of competitive advantage, for which Porter (1985) argues as a firm's sustainable competitiveness is driven by its core competencies such knowledge, as technique, or skill identified as a company's internal superior or outstanding strengths (Prahalad and Hamel, 1990). Synthesizing the works of Smith, Richardo, Barney, Porter, Prahalad, and Hamel can argue that labour or people as human resources for production can be sacred, intangible, valuable, sustainable, difficult to imitate, and hard to substitute.

In business accounting, asset means economic resource. An asset can be either tangible or intangible, monetary or nonmonetary, and valuable or valueless. In financial accounting practice, assets are classified as current assets and fixed assets. The International Accounting Standards Board (IASB) provides the IFRS

Framework, which defines "An asset is a resource control by the enterprise as a result of past events and from which future economic benefits are benefits are expected enterprise". to the formaldefinition of an asset by the IASB suggests that employees cannot be considered assets due to the fact that people as human beings cannot be controlled, owned, and hold by employers to yield unlimited economic benefits. In this regard, the term "human" cannot be measured and included in a company's balance sheet as a form of assets. According to Stanko, Zeller, and Melena (2014), human asset accounting is a highly complex, controversial, and challenging process because human beings with different magnitudes of free will can hardly quantify their respective values towards an organization's success. In this regard, management scholars and business practitioners are turning to the human asset management approach a better for understanding of humans as uncontrollable but managerial "asset" of their organizations. The function of employees as a company's primary asset rather than a resource has also been supported by Allen (2010), who posits humans are key assets that produce economically favorable results. Human asset management is an advanced version of human resource management (HRM) in accordance with the strategic business management perspective of Kriege et al. (2016). Employees should not be treated as "resources" because they are disposable. People should be managed as assets because of their appreciable capabilities in creating value for enterprises (Andrew, 2001). Examples of human assets

knowledge, skills, abilities competencies, to name a few. However, human assets are alike financial assets, such as machineries, inventories, and equipment that can be depreciated for valuable or valueless. In financial accounting practice, assets are classified as current assets and fixed assets. The International Accounting Standards Board (IASB) provides the IFRS Framework, which defines "An asset is a resource control by the enterprise as a result of past events and from which future economic benefits are benefits are expected to flow to the enterprise". The formal definition of an asset by the IASB suggests that employees cannot be considered assets due to the fact that people as human beings cannot be controlled, owned, and hold by employers to yield unlimited economic benefits. In this regard, the term "human" cannot be measured and included in a company's balance sheet as a form of assets. According to Stanko et al. (2014), human asset accounting is a highly complex, controversial, and challenging process because human beings with different magnitudes of free will can hardly quantify their respective values towards an organization's success. In this regard, management scholars and business practitioners are turning to the human asset management approach for a better understanding of the human as uncontrollable but managerial "asset" of their organizations. The function of employees as a company's primary asset rather than a resource has also been supported by Allen (2010), who posits humans are key assets that produce economically favorable results. Human asset management is an advanced version of human resource management (HRM) in accordance with the strategic business management perspective of Kriege et al. (2016). Employees should not be treated as "resources" because they are disposable. People should be managed as because of their appreciable capabilities in creating value for enterprises (Andrew, 2001). Examples of human assets are knowledge, skills, abilities competencies, to name a few. However, human assets are alike financial assets, such as machineries, inventories, and equipment that can be depreciated. For example, knowledge may be outdated, skills will become obsolete, and physical strength can be weakening.

The notion of the human as "capital" has been conceptualised by Schultz (1993), who defines human capital as an instrument through which firm assets, productivity, and competitive advantage is improved and sustained. According to the studies of Marimuthu et al. (2009), human capital refers to knowledge-based initiatives or mechanisms such as education and training to continuously enhance the knowledge, skills, abilities, and competencies level of an employee. The Human Capital Theory, which has been pioneered by Schultz (1971), Sakamota and Powers (1995) as well as Psacharopoulos and Woodhall (1997), suggests that formal education is highly instrumental and education infrastructure is the most productive capital to enhance workers' productivity and efficiency. As such, investment education and training is an integral part of the human development process for both developing and developed countries to generate rapid economic growth and returns

for the nation and society (Fagerlind and Saha, 1997).

2. Objectives of study

This paper entails a qualitative approach to studying the respective concepts in the development of human capital, human assets, and human resources. It attempts to illustrate Singapore as one of the East Asian countries that has successfully achieved impressive socioeconomic growth through the effective application of human development models. The study would draw out a conceptual framework on the basis of Singapore's human capital development experience and Vietnam's existing education and training agendas for continuous improvement of the latter's workforce productivity performance. It is the main aim of this study to provide insightful implications for the Vietnamese to benchmark Singapore's success in becoming another industrially advanced country in the East Asia region.

3. Literature Review

East Asia's human capital development

East Asia is commonly used to refer to the Northeast and Southeast regions of the **ASIAN** continent. Northeast constitutes mainland China, Mongolia, North Korea, South Korea, Japan, and Southeast Asia consists Taiwan. Vietnam, Laos, Cambodia, Thailand. Myanmar, Malaysia, Singapore, Indonesia, Brunei, and the Philippines. These 10 countries also collectively established a geopolitically regional bloc called ASEAN on 8th August 1967. In this paper, the discussion on human capital development focuses on Singapore as the unit of analysis to better understand the extent to which human capital investment, human asset development, and human resource management affect the training needs of the higher education institutions and policymakers in Vietnam as a whole.

The Singapore experience

In 2017, Singapore became the single largest foreign direct investor (FDI) in Vietnam, contributing \$477.80 million in capital to its member neighbour in ASEAN. The increased influx of Singapore's investment activities in Vietnam implies both pleasure and pressure for the latter's local business partners and government agencies. As far as human resource management (HRM) is concerned, Singapore is ranked the best in the world for its workforce productivity (Standard, Productivity and Innovation Board, 2003). The competitiveness of productivity in Singapore is also at par with that of the United States and other advanced nations (Ministry of Manpower, 2003). World-class accomplishment in Singapore's manpower productivity and quality is attributable to its strong focus on human capital infrastructure as an integral part of the national policy.

Singapore had been a small city-state and island country with extremely poor natural resources when it was expelled by Malaysian Government in 1965. Since its independence in 1965, Singapore has been enjoying an annual growth rate averaging 6.8% until 2014 under the leadership of Lee Kuan Yew government. The initial success of human asset development can be traced back to the Country's early stage of quick industrialization through Singapore Economic Development Board (EDB) which adopted an outside-in perspective by

engaging an Israeli and Dutchman to be the Board's Managing Director and international director, respectively (Wilfred, 2014).

Human capital development has been expedited by Singapore's remarkable investment in human assets as a priority of its national policy. The policy infrastructure for HCD is supported by two HRM strategies, namely a tripartite approach and a multidepartmental approach (Osman-Gani, 2004). The former characterizes 3inter-organizational cooperation among government, employers, and unions, whereas the latter exhibits intraorganizational coordination within relevant government agencies to safeguard the execution of HRM strategies in Singapore. Examples of the tripartite system are the Skills Development Fund (SDF), the Tripartite Council, the Skill Re-Development Program (SRP), the Lifelong Learning Fund, the School of Lifelong Learning Fund. the DomesticCaRE Program, the National Trade Union Congress (NTUC), and the National Wages Council (NWC). Under the initiative of the Ministry of Manpower, the tripartite system necessitates all local employers contribute 1% of the total wages earned by each and every employee with S\$1,500 per month or \$2 per employee a month to the SDF, which will then subsidize 90% of the training expenses to update and upgrade company workers' skills for the sake participating growth and performance company's improvement (Ministry of Manpower, 2003; Skills Development Fund, 2003). Frequent dialogues between employers and unions moderated by the government agencies to encourage mutual understanding of wage packages and employment terms are the key feature of the tripartite approach to facilitating the effective execution of HCD strategy in the Singapore job market.

On the other hand, the Ministry of Manpower has adopted a multidepartmental approach to implementing Singapore's HCD strategic plan called "Manpower 21". Various government agencies such as the Investment Board, the **Economic** Development Board (EDB), the Council for Professional and Technical Education (CPTE), the National Manpower Council (NMC), the Employment Review Committee (ERC), the Workforce Development Agency (WDA) are working closely to enforce the vision of Manpower 21 in making Singapore a world-class talent capital with updated and upgraded human skills and competencies (Workforce Development Agency, 2003).

Workforce Education and training have been the main investment instruments in the development process of human capital in Singapore. Despite its small geopolitical dimension and restricted population size, the Country has, since its independence, liberally and progressively provided ample opportunities to all-level residents acquire the possible knowledge and skills for lifetime learning. There is no lack of local public and private universities, branch campuses of foreign universities. professional institutions, business colleges, international schools, and training centres offering academic education programs, professional certification programs, and vocational training to local school leavers, working adults, business practitioners, and foreign students. Examples of certain

prominent and feasible HCD programs that effectively increase the quality pool of workforce equipped with industry-driven skills and competencies are:

Institute of Technical Education (ITE) Apprenticeship Training Program.

Basic Education for Skills Training (BEST).

Worker Improvement Through Secondary Education (WISE).

Adult Cooperative Training Scheme (ACTS).

Training Initiative for Mature Employees (TIME).

Reskilling for New Economic Workforce (ReNEW).

Skill Redevelopment Program (SRP).

In addition to the above-mentioned vocational training programs delivered in the public sector, the Singapore government is also supportive of human capital development via a strategic partnership in distance learning programs between professional institutions private, and universities. foreign The Singapore Institute of Management (better known as SIM University), Management Institute Singapore Development of (MDIS), and Singapore Human Resource Institute (SHRI), to name a few, are prominent examples of local private organizations that offer distance education mode contributory to the advancement of human asset management and development under the Singapore National Policy.

The Vietnamese challenge

The Socialist Republic of Vietnam, as one of the ASEAN member countries, has experienced impressive GDP growth of more than 7% per year since 2002. Such rapid and sustainable economic

development has prompted Vietnam Government initiate to the Higher Education Reform Agenda (2006-2020) (HERA), supported by the Human Resources Development Master (2011-2020) (HRDMP) and the Human Resources Development Strategy (2011-2020)(HRDS) in accelerating human capital development within Country to become an industrialized country by 2020. In this regard, the Ministry of Education and Training (MOET) and the Ministry of Labour, Invalids and Social Affairs (MOLISA) are the two main government units responsible for addressing the issues of education and training needs in the context of human capital investment and development in Vietnam (JICA, MOET, MOLISA, 2012).

The challenging HRM issues faced by Vietnam are:

Workforce skills and competencies remain poor to meet the requirements of Vietnam's industrialization and modernization process.

The research capacity of high education institutions remains low and inadequate.

Lack of strong financial support and alternative sources to fund higher education development.

Education and training contents are more theoretical than practical to encourage the application of subject matters and concepts.

The higher education system is too centralized and structured by the socialist government.

The problem of strategic drift occurs in HCD planning and execution by policymakers.

The expected goals of the HERA by 2020 are summarized as follows:

Increase investment in university infrastructure.

Increase training of new teaching staff.
Increase the quality and efficiency of the university system.

Enhance research activities and experience among teaching staff.

Upgrade international visibility of Vietnamese universities.

Provide greater autonomy for individual universities.

Create an inter-organizational and intra-organizational competition between and within universities.

The expected objectives of the HERA by 2020 are summarized as follows:

Increase revenue from science and technology activities to 25% of total university revenue by 25%.

Increase the proportion of university teaching staff with master-level degrees to 60% by 2020.

Increase the proportion of university teaching staff with doctoral-level degrees to 35% by 2020.

Reduce the ratio of university students to teaching staff to 20:1 by 2020.

On the other hand, awareness of the importance of vocational training in meeting the human resources requirements of the Vietnamese labor market has increased in the period 2001-2010. Occupation and Vocational Training is acknowledged as an alternative learning platform that supplements the role of the higher education system in addressing a country's human capital development issues. In this regard, the Vocational Training Development Strategy 2011-2020 (VTDS) was approved by the Prime

Minister of Vietnam on May 29, 2012 and regulated by the Ministry of Labour, Invalids and Social Affairs (MOLISA). Several significant action plans have been initiated with performance indicators as follows:

Increase the rate of trained employees.

Increase the number of vocational teachers.

Expand the networks of vocational institutions.

Upgrade the vocational programs and curriculums.

Develop the national vocational qualifications framework.

Improve the connectivity between vocational training and employment.

The above initiatives were attempted in order to minimize the impact of the following vocational training-related weaknesses on Vietnam's human capital development and human resources management:

A mismatch between training course outcomes and enterprise expectations.

Lack of qualified trainers with both theoretical and practical skills to apply theories in real situations.

Lack of understanding of the industrial requirements and employers' recruitment criteria.

4. Methodology

Implementation of "Đổi mới" by the Socialist Government since 1986 is believed to have produced a positive impact on Vietnam's socio-economic development and growth. In 2021, Singapore was the top foreign director investor (FDI) in Vietnam, with registered capital amounting to US\$10.7 billion. Other East Asia countries such as Republic of Korea, Japan have inflowed their FDI capital to Vietnam with

a total registered capital of US\$8.9 billion (Ministry of Planning and Investment, 2021). The continued influx of FDI capital from East Asia countries reveals Vietnam's competitiveness in labor population size which can serve as either an absolute advantage or a comparative advantage to attract FDIs. Despite these advantages, Vietnam is suffering from the pressure of a conservative higher education system and legislative restrictions vocational on training operations leading to its inability to produce a sufficient workforce that is skillful, articulate, and all-rounded to meet the increasing demand of industries and employers, locally and internationally.

It is particularly interesting to note that such words as "education" and "training" are used interchangeably or simultaneously the communities of Vietnamese universities, scholars, researchers, and government units. Overlapping education and training tend to create a common perception that both concepts are sharing a similar semantic understanding associated with theories, teaching, reading, writing, memorizing, and memorizing. There is indeed a distinction in conceptual definition between the term "education" "training". Education is defined as a passive or reactive way of acquiring and storing knowledge via teaching and studying a specific subject, whereas training is defined as an interactive or reflective way of learning and knowing a specific subject issue through consultancy, coaching, and mentoring. The goal of education is understanding, while the goal of training is Pure performance. educationalists emphasize cognitive qualifications via thinking, whereas typical trainers focus on conative skills through doing.

Vietnam has much to learn and apply the human capital development model of Singapore in the former's Higher Education Reform Agenda (HERA). It is argued that quality of human resources the management (HRM) in Singapore has been made possible by the appropriate planning and execution of human asset development (HAD) that focuses on blended learning mode characterizes classroom lectures, forum discussion, independent study, oneto-one counseling, online tutorial, and industrial visit. The goal of human asset development is to improve students' knowledge, expertise, skill, and experience through mixture of delivery methodologies mentioned above. These intangible assets of students become valueadded human resources ready to deploy for improving firm performance industries. Based on this argument, a proposition is therefore suggested as follows:

PROPOSITION 1: The better the human asset development, the better the human resources management.

To ensure its delivery effectiveness and efficiency, Singapore Government has accelerated human capital investment by building better and faster IT infrastructures such as fibre optics, digital technology, and Internet system with an attempt to enhance the actual value of human assets in terms of innovativeness, knowledge sharing, skill transfer, and competence development. Investing in human capital is also believed to produce a better quality of manpower as valuable resources for firm success. In this regard, two propositions more are suggested as follows:

PROPOSITION 2: The more human capital investment, the better human asset

development.

PROPOSITION 3: The more human capital investment, the better human resources management.

The different nature of education and training suggests that each type of qualifications framework may affect the relationships among human capital investment, human asset development, and human resource management. As such, six additional propositions are suggested as follows:

PROPOSITION 4: The better the education qualifications framework, the better the human capital investment.

PROPOSITION 5: The better the education qualification framework, the better the human asset development.

PROPOSITION 6: The better the education qualifications framework, the better the human resource management.

PROPOSITION 7: The better the training qualification framework, the better the human capital investment.

PROPOSITION 8: The better the training qualification framework, the better the human asset development

PROPOSITION 9: The better the training qualification framework, the better the human resource management.

Conceptual framework

Drawing from the above nine propositions, a conceptual framework is suggested below for further examination and understanding of the relationship among human capital investment (HCI), human asset development (HAD), and human resources management (HRM), education qualification framework (EQF), and training qualification framework (TQF).

This conceptual framework suggests the use of moderated mediation analysis to understand and explain the mediating role of human asset development in the association between human capital investment human and resource management. Also, the model reveals if and education training, given its distinguished objectives and outcomes, can moderate (interact) the relationships among human capital investment, human asset development, human and resource management in this study.



Source: Developed for this study

5. Results and findings

This paper attempts to arouse the research interest of scholars, management consultants, public agencies, and private enterprises in investigating the extent to which the current education and training system of the Vietnam Government provides the right strategic direction to improve its human resource management. Such research findings would provide significant and empirical implications for scholars (textbook writers, teaching staff, and academic researchers) to determine if the conventional education methodologies should be revised and refined incorporating training approaches to make students' learning exposure more appealing and productive. Company decision-makers can benefit from the future research of this study to strategize their human resource management plans for productivity and performance improvement better, faster, and cheaper. Last but not least, the Vietnamese Government at the ministerial level could leverage the latest report of this restructure its legislative study departments and units on the nature of education and training.

6. Conclusion and Recommendations

This paper discusses what and how human capital investment and development turnaround Singapore into a high-ranked country of human resource management, which provides its counterpart - Vietnam, with useful development models to further improve the quality of manpower as a competitive advantage to attract more FDIs and increase job opportunities in the Country. This paper also attempts to explore the distinction between education

and training concepts in the proposed conceptual framework for examining the significant role of each concept in the relationships among human capital investment, human asset development, and human resource management. Vietnamese Government is recommended to distinguish education from training and identify different market segments for each service provider. The "Train The Trainer" program is recommended to the MOLISA to equip the Vietnamese trainers with consultancy, coaching, and mentoring skills competencies to develop all learners who are performance-based, tactical, and handson in their approach to doing better things and doing things better. Trainers should not be developed like a teacher who only explains theories without knowing what and how to guide the learners towards performance excellence.

Conflict of Interest

The authors declare no conflict of interest.

References

Aldrich, H.E., and Cliff, J.E. (2003). The pervasive effects of family on entrepreneurship: Toward a family embeddedness perspective. *Journal of business venturing*, 18(5), 573-596.

Allen, M. (2010). Human Asset Management. *The Journal of Defense Software Engineering*, May/June, 27-30.

Andrew, M. (2001). The human value of the enterprise: managing the metrics of people as assets (Reprint. ed.). London: Nicholas Brealey, 79. ISBN 1857882814

- Barney, J.B. (1991) Firm Resources and Sustained Competitive Advantage. *Journal of Management*, 17(1), 99-120.
- Fagerlind, A., and Saha, L.J. (1997). *Education and National Developments*. New Delhi, Reed Educational and Professional Publishing Ltd.
- JICA, MOET, MOLISA (2012). Basic study on human resources development in Vietnam. Vietnam. Final Report.

 Japan International Cooperation Agency, Ministry of Education and Training. Ministry of Labor Invalids and Social Affairs Socialist Republic of Viet Nam. PADECO Co., Ltd. Japan International Cooperation Center.
- Kriege, L.K., Jooste, J.L., and Vlok, P.J. (2016). A framework for establishing a human asset register for the improved management of people in physical asset management. *South African Journal of Industrial Engineering December*, 27(4), 77-89.
- Marimuthu, M., Arokiasamy, L., and Ismail, M. (2009). Human capital development and its impact on firm performance: Evidence from developmental economics. *The Journal of International Social Research*, 2(8), 265-272.
- Ministry of Manpower (2003). *Manpower* 21 report. Retrieved October 23, 2003, from http://www.mom.gov.sg.
- Ministry of Planning and Investment (2021). Report on foreign direct investment in 2021. Retrieved from https://www.mpi.gov.vn/en/Pages/tinb

- ai.aspx?idTin=52660
- Osman-Gani, A.M. (2004). Human capital development in Singapore: An analysis of national policy perspectives. *Advances in Developing Human Resources*, 6(3), 276-287.
- Porter, M.E. (1985). *Competitive Advantage*. New York: The Free Press.
- Prahalad, C.K., and Hamel, G. (1990). The Core Competence of the Corporation. *Harvard Business Review*, 68(3), 79-91.
- Psacharopoulos, G., and Woodhall, M. (1997). *Education for development: An analysis of investment choice*. New York Oxford University Press.
- Robbins, L. (1932). An essay on the nature and significance of economic science.

 London: Macmillan, First Edition.

 Retrieved from https://mises.org/library/essay-nature-and-significance- economic-science.
- Sakamota, A., and Powers, P.A. (1995). Education and the dual labour market for Japanese men in American. *Sociol. Rev.*, 60(2), 222-246.
- Schultz, T.W. (1971). Investment in Human Capital. New York. The Free Press.
- Schultz, T.W. (1993). The economic importance of human capital in modernization. *Education Economics*, *1*(1), 13-19.
- Skills Development Fund (2003). *Skills Development Fund, Singapore*. Retrieved October 15, 2003, from http://www.sdf.gov.sg.

- Standards, Productivity and Innovation Board (2003). Standards, Productivity and Innovation Board (Conformity Assessment) Regulations. Retrieved October 23, 2003, from http://www.spring.gov.sg.
- Stanko, B.B., Zeller, T.L., and Melena, M.F. (2014). Human asset accounting and measurement: Moving forward. Journal of Business & Economic

- Research, 12(2), 93-194.
- Wilfred, A. (2014). What did Singapore do to become so successful? Retrieved May 1, 2018, from http://www.quora.com.
- Workforce Development Agency (2003). Workforce Development Agency. Retrieved October 23, 2003, from http://www.wda.gov.sg.