



# Role of Operation Management in This Era of Globalization

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**To cite this article:**

Iqbal Shaukat. Role of Operation Management in This Era of Globalization. *Research & Development* Vol. 3, No. 1, 2022, pp. 18-22.

doi: 10.11648/j.rd.20220301.14

**Received:** December 11, 2021; **Accepted:** January 8, 2022; **Published:** January 24, 2022

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**Abstract:** Operation management is the important part of our life. Operation management provides the guidance how the operation is developed operation management is vital for the professional who are in the various sectors like construction engineering and other professionals. In these days operation management studies are conducted by various institutes. In these days students are doing the operation management course on the massive level. In these days the operation management qualifications on the Masters levels and on the PhD level. Many research papers are written by the PhD holders and researches on operation management important. All the researches proved the important of operation management. Many PhD thesis researches are available on the Google citations, when we review the operation management constants we will find that various solids topics. Operation, Management System operation management maintain the operation how the project is completed. Operation management system provide the monitoring rules regarding the complete of job. In various part of operation management play the dynamic role in the country development. In industrial countries like Japan, USA, Canada operation management protocols are followed, that is why the development of infrastructure is completed according to the standers. In the Japan the operation management play the dynamic role in the country development. In Japan the just in system is very famous. Just in system Purpose to facilitate the people in the mobilization of resources.

**Keywords:** Operation, Management, Resource

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## 1. Introduction

Professional education in operation management is essential for every society without operation management education no country can be developed. With the help of operation management the better stander of performance can be achieved. Operation management can bring the culture of accuracy in all functions operation management can bring the revolution in the society. Operation management can increase the productivity of resources.

Operation management brought the revolution in the world operation management education provide the way how to utilize the resources operation management education brought the revolution in human life. After the some discoveries and inventions operation management are become important. After the success of some prominent teacher and professors the operation management is very important to curriculum of different universities of world. In the mid of nineteenth it became the important part of management studies. Operation management increases the scope of management studies. Operation management is vital

for the professional who are in the various sectors like construction, engineering and other professionals. In these days operation management studies are conducted by various institutes. In these days students are doing the operation management course on the massive level. In these days the operation management qualifications on the Masters levels and on the PhD level. Many research papers are written by the PhD holders and researches on operation management are important. All the researches proved the important of operation management. Many PhD thesis researches are available on the Google citations. When we review the operation management research, we will find that various solids topics. In the operation management we study the production management in which we study how to utilize the resources which are available on the ground land, capital, entrepreneurship. In the course of operation management we review the buying and selling material. During the study of operation management how the material is being utilized the material for the construction and other purposes [1-10].

## 2. Literature Review

In the operation management we use the different model how the usage of material is calculated. In the operation management we can calculate the wages rates of labors with the help of certain formula we can easily calculate wages rates system. In the operation management system we can easily maintain the system of layout system. With the help of layout system we can estimate the layout system. In layout system we can find the location where the equipment is easily available to the sites. Operation management system reduces the cost of material and labor cost. One of the important parts of the operation management is to quality control management, quality control assures the stander of the product, in quality control we can maintain the stander of product with the statistics way. In the quality control management we can compare with the stander of product, In the case of failure of quality control the whole of the operation management can be damaged. Other main ingredient of the operation management is that project management. In the project management we estimate the time in which how the activity is completed. Project stimulate the time of all the jobs. Operation management maintains the operation how the project is completed. Operation management system provides the monitoring rules regarding the complete of job. In various part of operation management play the dynamic role in the country development. In industrial countries like Japan, USA, Canada operation management protocols are being followed, that is why the development of infrastructure is completed according to the standers. In the Japan the operation management plays the dynamic role in the country development. In Japan the just in system is very famous. Just in system Purpose to facilitate the organization to mobilization of resources at right time. This is true that role of operation management is very vital for country economy. When the proper operation management system is adopted it stream line the activity of business and operation. Better operation system boosts the development of country economy. Operation management increases the growth of the country. Operation management boosts the activity of the other sectors like cement and iron and other building material. Operation management provides the better employment opportunity for all class of life and all kinds of Professionals. If one nation wants to achieve the goal of development, they should follow the rules of operation management. Operation management is the second name of development of country. Developed countries followed the operation management after the Globalization, because of better operation management they completed the reconstruction process in the smoothly manners. Because of good operation management they provide the boost to economy and employment. In this age every man has desire that he spent the good life, this is only possible that the humanity have employment opportunity. In various countries they achieved the goal through the economic development. Employment can be generated through economic development. In the early age

man get the income through the migration and agriculture. In the early age the man successes his objective. With the passage of time entire humanity expended his circle of Business. After the invention of revolution the nation entered in the great age. The invention was formed with the intention to modernize the life and create the opportunity. For example invention of radio create the revolution in communication sector, nation, easily know the countries conditions of other nation. After the invention of communication system, in nineteen century it become the revolution in the human life, the benefit of that that communication and exchange of goods are very easily. In the eighteen century many revolution came in the medical science, it will secure the human life. In the eighteen century invention of printing machine brought the revolution in the human life. In eighteen century stream invented with the intention to increase the communication among the nation. That is we can say that revolution came in entire. In seventeen and eighteen century many to Universities and other institutes came in to being, for example Haverd universities, oxford universities, leaders universities, University of Kentucky and Oxford Universities and many other leading bodies came in to being. In indo pak subcontinent many education institute came in to being, Calcutta University, Pona Universities and Jharkhand University. The new curriculum formed under the British rule. With the passage of time the literacy rate increases. New education system brought the revolution in the society, as a result of that many development opportunity opened for the local Hindu population. After that the infrastructure was formed in British India. In various part of world tea cultivation was started, it created the many employment opportunities. During the eighteenth and nineteenth century the Agriculture marketing system was formed, the result of that Agriculture economy was formed in the info pak subcontinent, it will increase the income. The Agriculture system provides the people India that they adopted the Agriculture as a profession.

Many professional and Agriculture university was built for the purpose of promotion of Agriculture system in the British India. One of the basic back bones of agriculture system the irrigation system was formed during the eighteenth and nineteenth century. Many water centers were built on river to facilitate the farmers for the better agriculture economy. The basic purpose of such water center and canal to create the opportunity in the agriculture sector. Many Agriculture reform was introduced by the various government to facilitated the farmers. After the independent from the British rule many agriculture reforms was introduced for the purpose to facilitate the farmers, when we view the economic development of Arabic countries like Egypt. Egypt is a country where the longest river Nile located. During the nineteenth century under British rule, Egypt was come important for the international economy. British decided to build swaz canal which help to join the Mediterranean Sea and Red Sea. It created the many trade opportunity for the people of Egypt, this canal created the many opportunities for the Asian and African and European people regarding trade and commerce.

The basic fundamental purpose of this canal to decrease the trade distance between the continents and enhance the trade relation among the Asian, African, European countries. Oil discovered in Iran in 1922. It creates the investment opportunities for the USA and British oil companies. In 1917 the oil was discovered in Gulf sea countries. This discoveries of oil brought the revolution in the politics of Middle east countries, This discoveries of oil reserve it create t the economic harmony in Gulf countries. Nowadays the Middle east and Arabs countries achieved the goal of economic development. All the Gulf countries are became the largest exporter of oil. Many British and American companies invested the money in the exploration of oil. These companies gained the very much of capital and stock market. In all situation middle countries are became the hub of huge investment. After the oil explosion the interest of western countries and American ware high. After the explosion of oil lot of employment opportunities were available in the Gulf. In all economic situations the other poor countries of Africa get better opportunities, when we consider the economy of Asian countries. All Asian countries have very inspiring history. China is the biggest model of development in this age. In the beginning when china got independence in the dynamic leader ship of Mao, China was called the land of opium. China started the development path with very smooth. China organized the agriculture sector very much. They introduced such economic reforms which were proved very beneficial for the entire agriculture sector. In the beginning china faced diplomatic isolation. China reviewed his foreign policy especially in foreign relations. In 1970 china increase ties all countries specially neighbor countries. China became the member of WTO in 2001. After the 2002 China achieved the better growth of economic, which was highest in 2008, which was approximately 8 percentages. China built the biggest dams and water reserves, when we review the development of Japan. Japan economy was faced depression after the Second World War. Japan started his way of economic growth steadily and positively. In the short run japan achieved the goal of economic development. Japan brought the revolution in the Automobile sector. In 1960 japan became the largest exporter of Cars. Japan made the disaster management very wall. In all situations the faced very wall. China economic model is the symbol for every developing country. Japan people are very professional worker. They work on the attain capacity. In japan the management approach is very wall. In japan all decision on the grass roots level. The best future of the Japanese economy they have very good quality assurance policy. Japanese have the good quality control policy. The main reason of that japan products are acquired by the majority countries. Economic growth and Development is not easy path for every nation. It can be achieved by the way of good polices and measures. When we study the economic development history of various countries, in the early they faced many obstacles and hazards, but they faced all hazards and obstacles very brave, they organized the education sector very wall. First they made efforts increase growth of

education sector. Developed nation organized all sectors like Agriculture, industry, Manufacturing, Small medium. Developed countries created the balance among the various sectors. Developed countries never give to single priority to each sector. Developed countries give incentive to every sector. Developed countries like japan and china give priority equality in every making the policy and growth. In various countries like Japan and China political condition not affect the economic development, in japan they continuously implemented the economic polices despite the political unrest. Only good economic policy can give the good prosperous future. When one country not achieved the goal of economic development such countries face disaster in every sector, as a consequence whole nation will economic and political unrest. In the light of all arguments we can say prosperous economic future is only possible with economic growth and Development.

Economic development is the goal and objective of every man because it is only way humanity can enjoy the life. In the early age man started the trade for the earning. Economic development is a natural process which attractive the man to stream line all the function of commerce. When the trade was started between the cities the humanity was very ambitious about the development. Man fulfilled their need through trade which is called the barter system after that enhance of economic system man started the metallic money. When we study the Chinese civilization and sanseis we can found all these evidence from the history of civilization the barter system and metallic money was used. After the enhancement of population of various part of world they started the trade on economic lines in very early centuries the various tribe move to such areas which suitable for economic activities. For examples many tribe in Europe move to Baltic Sea and

During the colonization many colonial power produce the infrastructure in the countries because they want to organized himself. During the era of colonization various trading companies was established by the Great Britain, France, and Portages. During the eighteen and nineteen invention inventions was discovered was made, such as microscope, airplane, radio and telephones. They brought the new line of business and economic development. During the eighteen century many minerals was discovered such as petroleum, Cooper, Gold and Silver.

In 1865 In Virginia first oil reserve was discovered. During eighteen century many mineral reserve discovered by nation such as great Britain and France. In early of the nineteenth century first oil reserve was discovered in Persia. After all developments human life gone new turned.

With the passage of time marketing structure was placed. In 1792 New York stoke exchange with the agreement of thirty brokers. Wall Street was established in seventeen century by the Dutch in New York. London stock exchange came in to being in 1801 in London for the business and regulate in of securities. Many Multinational came into being in 17&18 &19 century such as Nestle in 1865, Lever Brother 1885, Cambridge university press in 1534, Barclays in 1690, Citi in 1812, British petroleum Ltd 1910, Cadburys in 1824 timing 1706.

Education institutions have the big share in economic development. In many education institution established with the intention to give the economics education on the academic level such as

Many business institutes came in being. In 1819 the first business came in to being in France in 1857 in hungry Budabest. In USA the Hass School came into being in 1898 in university of California and wert son school came in to being in Pensalvenya USA 1898. The Harvard University established the some areas which are suitable for trade. We can say this was base of economic system. In 1916 university of Chicago started the Doctorate (PHD) program in 1946 first business school in Indian state Jharkhand. London school of economics came into being in 1895 built with the intention of give the economics education on the academia level. Many school of thoughts was formulated, because they define the economics First of all Adam smith defined the economics in 1897. He stated the economics as knowledge of wealth. And other school of thought such as Robbins and Alford marshal and recado and kenciya express the economic philosophy. In nineteen century money paper was introduced with the intention to adopt the economic system. In 1917 Federal Reserve Bank of USA was established.

Abraham Lincoln introduced the law against the slavery. In 1919 the American president true man inaugurated speech of economic development he stressed upon the need of economic development regarding the development of infrastructure and human capital. After the second world many countries started the path of economic development with the intention of welfare and harmony. Japan started the way of development. They implemented tool of quality control of product. They introduced the system of just in. They managed everything on the micro level. They achieved the target of economic development staidly in the sixty about 10% in eighty and 4% in sixty. Japanese made the disaster planning against the calamities especially in 2011 Japanese controlled the population growth. In Singapore got the independent from Malaysia. Singapore is not the agriculture economy they achieve the target the economic development with the implementation of rules and regulation in economic sector and other part of human life. Argentine is the country which faced the economic disaster before the few years. They introduced the policy abolished of stat control on the various sectors. Argentine established the good relationship with neighboring with USA and Canada and Brazil Argentine promoted the agro base industry. In argentine value additional tax was introduced with the intention of highest revenue and equality among the various sectors. China is the biggest example of economic development. They achieved the highest growth of economic development in 2010 about 12%. Before some decades they face economic disaster with the economic growth of 2.5 in 1960 Chinese got achieve the target of growth steadily in every sector. Chinese completed the many project such as three George dam situated yawing district in the province of Hubai with the capacity to produce the energy 22400 Mv. Chinese

introduced the concept of public private partnership in the business. Chinese president Xenzemin abolished the policy of state control. Xenzemin introduced the reform regarding deregulation. In 1948 china got independent under the dynamic leadership of Mao. Chinese introduced the justice system on the micro level which helped the nation to resolve the problem at the door step. The implantation of rules and regulation in china is very satisfactory as compare to the other developed countries around the world. Brazil is the role model for developing economy. Brazil government gives financial support to poor people. Brazil government supported the agriculture and agro base industry with various policies. Brazil is only country who achieved the high ratio of tax to GDP. Mexico is the example of development by the help of international relation. Mexico has forty trade agreements around the world. Mexico has duty free region for some countries including USA.

Economic development is the goal of every nation. Good way of economic development provides the opportunity to entire nation when the national income rise the per capita income increase. For example one family earned the income. As a result of this income the saving and consumption will increase. This increase in the saving and consumption will rise the investment in the country. When all the segments of society spend the prosperous life that country will ultimate achieve of economic development. If we consider this scenario when one country not developed due to the same reasons, the consumption and investment rate is very low as a result of adverse situation. The country will face economic disaster in the form of poverty and unemployment and inflation rate. All regimes should establish such economic order which provide the employment function and other facilities. Developing nations and poor nation regime should get lesson from the developed countries. Developing countries and poor countries should make and formulate and adopt such economic principles which adopted by the some developed nations. Thus we can say that is why of development is only way which provide the happy and prosperous life to entire nation [10-20].

### 3. Research Methodology

I conducted regerious research regarding the operation management. I conducted the interview with top professional regarding the operation management. I gave the questioner regarding the operation management.

*Table 1. Empirical result.*

Category.	Yes.	No
MBA	4	1
M.Com.	5	0
B.Com.	5	0

I give the questioner regarding the operation management.

Empirical Research result I got the result from the group that the operation management is very important for entire society. All the audience gave the answer in favor of my questions regarding the operation management.

## 4. Conclusion

Operation management produces the professional attitude. Professional person can be proved very beneficial for whole society. One professional business manager can be formulated the good business planning. Professional education brings the creativity in work. Professional education in operation management gives the professional recognition to the person. Professional education provides the opportunity of continuous development

Operation management is very important for the society. Without operation management the industrial revolution and Development is not possible. In the scientific era of globalization the importance of operation management is very high with high expectations of management Professional qualification in operation management is essential for every society without operation management education no country can be developed. With the help of operation management the better stander of performance can be achieved. Operation management can bring the culture of accuracy in all functions operation management can bring the revolution in the society. Operation management can increase the productivity of resources.

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## References

- [1] OperationsAcademia.org: The state-of-the-art of PhD research in Operations Research/Management Science and related disciplines Retrieved on October 22, 2016.
- [2] Great Operations: What is Operations Management Archived 2016-10-07 at the Wayback Machine Retrieved on July 3, 2013.
- [3] R. B. Chase, F. R. Jacobs, N. Aquilano, Operations Management: For Competitive Advantage, McGraw-Hill 2007.
- [4] Krajewski, L. J., Ritzman, L. P. and Malhorta, M. J. (2013). Operations Management: Processes and Supply Chains. 10th ed., Pearson. ISBN 978-0-13-280739-5.
- [5] Friedrich Klemm, A history of Western Technology, Charles Scribner's Sons 1959 in D. A. Wren and A. G. Bedeian, The Evolution of Management Thought, Wiley 2009.
- [6] Xenophon, Cyropedia, Book VIII, Delphi Classics.
- [7] D. A. Wren and A. G. Bedeian, The Evolution of Management Thought, Wiley 2009.
- [8] Fisk, Donald M. (2003-01-30). "American Labor in the 20th Century" (PDF).
- [9] Henry Ford, Today and Tomorrow, New York, 1926.
- [10] Bell, Daniel (1973). The coming of the post-industrial society: a venture in social forecasting. New York: Basic Books. ISBN 978-0465012817.
- [11] Taylor, Frederick Winslow (1896), A Piece Rate System, read before the American Society of Mechanical Engineers [http://wps.prenhall.com/wps/media/objects/107/109902/ch17\\_a3\\_d2.pdf](http://wps.prenhall.com/wps/media/objects/107/109902/ch17_a3_d2.pdf).
- [12] Taylor, F. W., On the Art of Cutting Metals, American society of Mechanical Engineers (1906).
- [13] Taylor, F. W., Shop management (1903), a handbook read before the American society of mechanical engineers, New York (this has been republished in 1911 <https://archive.org/details/shopmanagement00taylgoog>).
- [14] Taylor, Frederick Winslow (1911). The Principles of Scientific Management. New York, NY, US and London, UK: Harper & Brothers. LCCN 11010339. OCLC 233134. Also available from Project Gutenberg.
- [15] Frank Bunker Gilbreth, Lillian Moller Gilbreth (1921) Process Charts. American Society of Mechanical Engineers.
- [16] Harris, Ford W. (1990) [Reprint from 1913]. "How Many Parts to Make at Once" (PDF). Operations Research. INFORMS. 38 (6): 947–950. doi: 10.1287/opre.38.6.947. JSTOR 170962. Retrieved Nov 21, 2012.
- [17] Shewhart, Walter Andrew, Economic control of quality of manufactured product, 1931, New York: D. Van Nostrand Company. pp. 501 p. ISBN 0-87389-076-0 (edition 1st). LCCN 132090. OCLC 1045408. LCC TS155.S47.
- [18] D. C. Montgomery, Statistical Quality Control: A Modern Introduction, 7th edition 2012.
- [19] H. B. Maynard, J. L. Schwab, G. J. Stegemerten, Methods Time Measurement, McGraw-Hill 1948 <http://www.library.wisc.edu> Taylor, Frederick Winslow (1896), A Piece Rate system.
- [20] Slack, N., Chambers, S. and Johnston, R. (2007) Operations Management, 5th edn, Harlow, Pearson Education Limited.