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The Research of GDP indicator and High-Technique Products like Pharmacy & Semiconductor on Fellows Publishing in Journals Abroad Sustainably

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Abstract

With developing economy the GDP(gross domestic product) will exhibit its strong role in one province even a country which as an indicator of economy development level expressed its effectiveness in all of our economy activities like the income status, foreign export and import trade, infrastructure erection etc. many aspects. So that the fitting increase aim will be becoming an important factor to a country and a region which needs us to consider prudently and make corresponding plan in advance for the sake of progressing our economy promotion urgently and rapidly. Meanwhile, largely investing in high-technique field can make our a series of industrious chain get developed which may employ more relevant talents even experts to participate those high-technique erection and manufacturing behavior, so that it could enhance the employment rate to decline government burden and leisure labor. So we should hear the comment from the scientist and experts who has enough experience to interpret the currently meeting problem divided into the economy and high-tech aspects specially the latter will create many innovation idea and path for our engineers to participate into the projects made by government institution. Overview, the speciality will make speciality creation so those experts can innovate new feasibility for producing many high-tech products continuously and sustainably. The sophisticated product need corresponding skill and experiences so paying so much attention to it will become an important and significant meaning. There the more experts and following engineers will be maintained and educated by the university and manufacturer so supply the qualified engineers would be chosen from a lot of new graduate from college or university. So the human resource and leader could choose from the abroad famous scientist and scholars who proceed the that innovation project fluently and have many years experience after they graduated and acquired MS(master of science) and PhD degree.

Keywords: search for; GDP indicator; pharmacy; semi-conductor; innovation; high-tech product; fellows; journal; abroad; publishing; sustainably

1. Introduction

From the nineteenth to last century the industry reformation can generate with the three industries reformations so that the industry development met the rapidly developing step. There are many technique products formed in makers flowing into modern society which may be convenient relatively to our life quality like AI and Robot etc. innovation products. So we should make sure that the continuously producing those cutting-edge-field ones from university to manufacturer, so that the experimental skill will transfer into the factory for the sake of producing more automatic and wisdom ones who may replace us for proceeding many functional activity rapidly.

Therefore, we need the soul of R &D(research &development) department human resource to make new robot from the mechanical, electric and electronic three aspects which really needs many experts and engineers to wield their wise force to form those automatic robots in final. [1~5]

In the field of pharmacy making, the more molecule would be constructed and apply to experimental trial for the sake of monitoring and evaluating their pharmacology analysis. So that many anti-cancer drugs may be created by us so as to maintain the patients life and cure in final. All those need many doctors and researchers continue to develop new drugs

urgently which may arrange in drug department in medicine and R &D manufacturer in advance through regulating more capital and experts to those business division. Overall, the excellent fellows and scientist could be recruited in time so as to proceed those owning big capital and time works as early as possible.[6~14] So that to enhance the engineer and experts cooperation within the certain project will be able to help our engineer to complete their task and aim under ensuring the directional correct so as to avoid the wrong method and road. As we know the declining the cost will be the starting point as to the new product, and then the human being and materials process will be declined as well specially the latter which is plenty of sophisticated work for us to seek the fitting one and process to complete one with so many engineers and OEM(original equipment manufacturer).

2. Discussions

As for the economy development and energy consumption, the green energy with low carbon contamination will be necessary and important, which can affect the GDP largely in future, so we should analyze the GDP content included how much innovation product are produced and whether those value may progress the future low-coal industry, employed how many talents etc. actual problems. Then the right corrective measure can be erected specially in those most careful problem for the sake of protecting natural from overpopulation for the next generation.

2.1 Top 16 pharmacy companies rank

The top 16 pharmacy companies would display in Table 1 with 700 billion dollars~81.3 billion dollars by Eli lilly~Chugai pharmaceutical company accordingly in 2025. On the other side, the above 300 billion dollars ones can have four companies which are Johnson Abbvie Novo nordisk occupied the second~fourth position correspondingly and additionally in 2025. At the same time, the above 200 billion dollars ones have 8 companies in that ranking totally expressed the strongest market capacity there. In contrast, there are USA ten drug companies Switzerland two France Denmark United Kongdom Japan one respectively to be entry the rank explaining the USA primarily and other developed ones' entity and potential power. In addition, the maximum variation could indicate 8.6 times between them with big value one.

Table 1 The Pharmacy companies top 1~16 ranking [1]

Ran k	Name	Market Capaci ty, BD	Ran k	Name	Market Capaci ty, BD
1	Eli lilly	700	9	Amgen	160
2	Johnso n	375	10	Pfizer	144
3	Abbvi e	334	11	Gilead science	139
4	Novo	307	12	Sanofi	120

	nordis k				
5	Roche	263	13	Vertex pharmaceuti cals	118
6	Novart is	241	14	Bristol- myers squibb	95.4
7	Astra zeneca	221	15	CVS health	85.3
8	Merk	203	16	Chugai pharmaceuti cal	81.3

2.2 Each country PhD numbers

The country PhD numbers each would exhibit 3,400,000~250,000 by USA~Russia currently whose variation attained 13 times maximum in terms of Figure 1. Meantime, the beyond 500,000 countries might afford China, Germany, Japan, Britain in turns while the others will indicate India. France, South Korea, Brazil in turns as well which aligned with 300,000~250,000 involved Russia. The variation between USA and China of Doctoral degree may reach 3.8 times expressed the former education development. In addition, China probably has 1,280,000 Doctor occupied 0.064% with total population which is still low one to compare with other developed ones like USA, Britain, Germany etc. In contrast, China Doctor will flow into business company with only 5% while the USA will have the high value with 48%, which expresses the China PhD employment business-partial fraction.

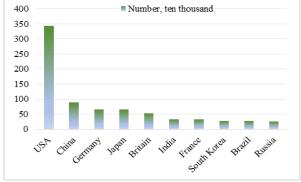


Figure 1 Each country PhD numbers rank. [2]

Furthermore, the each country PhD rate would exhibit 1%~0.18% by USA~Russia currently whose variation attained about 5 times maximum in terms of Figure 2. Meantime, the beyond 7% countries might afford Germany &Britain in turns while the others will indicate Japan, France, South Korea, Brazil in turns as well which aligned with 5%~0.18% involved Russia. The variation between USA and China &India of Doctoral degree may reach about 20 times & more than 40 times accordingly expressed the former educational development.

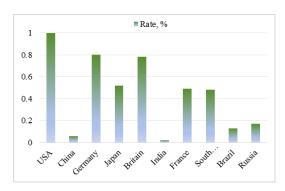


Figure 2 Chinese PhD rate rank. [2]

2.3 International Journal of Advances in Engineering and Management Introduction

It has ISSN: 2395-5252 & web site www.ijaem.net for your submission. It is an open access scholarly, online, peer-reviewed, monthly and fully refereed journal with Impact Factor; The IJAEM Journal is an online open access journal. Publishing articles from more than 50 countries in the field of engineering and technology management; Soft Copy of certificates will be provided just after the publication of paper; Impact Factor will be 7.429; Publication frequency may become 12 Issues Per Year and provides review report within 24 hrs with the help of 200+ reviewers team. The Fee is very low. The IJAEM is indexed in Google Scholar, Journals Information etc. [3]

2.4 2016~2020 China Doctor recruitment number

The Chinese PhD graduate in 2015~2020 will indicate 75,000~115,000 accordingly in terms of Figure 3 whose variation provide 40,000 expressed the middle enhancing status. The y-y value could attain 10.4% in 2020 with middle progress.

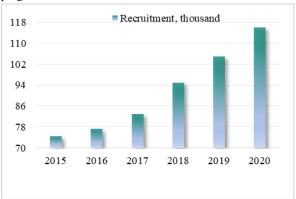


Figure 3 Chinese PhD recruitment rank in 2015~2020. [4]

2.5 Stocks change in market

The recommended <Zhengchuan Lim> with 603976 main line is medical package+instrument; <Weike Tech> with 6000152 mainline is Natrium battery+reserve energy; <Sheng Yi Bao> with 002095 main one will be general goods data service+ AI application; <Suwen Electric Energy> with 300982 main one will become photo-reserve charge+micro-electric grid; <Pu Li Te> with 002324 main one may be solid battery. [5] in addition, 605277 <Xinya Electron>; 603976 <Zhengchuan Lim>; 300982 <Suwen Electric Energy>; 001268 <Lihe Jingmi>. [6] on the other hand, the part case stocks exhibiting

could display with maximum 39% &32% for <Mel Nuo Hua> &<Huopu Lim> respectively in terms of Table 2 expressed their stocks price increasing good status. In contrast, <Dongcai Tech> got the minimum 12% increase speed.

Table 2 Part case stocks exhibiting. [6]

		0	
Code	Name	Selected time	Increase amount, %
603538	Mel Nuo Hua	July 1, 2025	39
603538	Mei Nuo Hua	July 2, 2025	30
301024	Huopu Lim	July 3, 2025	32
605277	Xinya Electron	July 4, 2025	25
601208	Dongcai Tech	July 7, 2025	12

2.6 Recruitment score line for South-China University of Technology

The recruitment score for South-China University of Technology will display in Table 3 whose value in Beijing may be 637 &638 with Mathematics &Bio-technique respectively. The one above 640 can be displayed by Physics in Liaoning, bio-technique by Shanxi province, physics in Hebei, finally Mathematics in Liaoning province and in Tianjin with the same score in turns. [7]

Provi nce &city	Mathem atics	Chemist ry	Bio- technique	Applied physics
Beijin g	637	-	638	-
Tianji n	643	-	-	-
Hebei	637	-	623	646
Shanxi	629	639	649	-
Liaoni ng	643	-	635	655

2.7 Global semi-conductor demand in historical sale amount &prediction I

The global semiconductor demand in 2020 and 2021 will display 1.3 billion~0.45 billion with handphone~smart wear in Table 4 in 2020. At the same time, the ones indicate 1.35 billion~0.5 billion by them accordingly in 2021 with y-y value 5%~19% respectively. Therein, the smart wear maintains the highest y-y value with 19% expressing the good fortune a perspective while the handphone provide most ones into market according to the data in 2021 explaining good number and the low speed. In contrast, the PC(personal computer) may occupy the largest amount and the highest speed in the 2021 while the Auto dominates the middle 4.9% speed with 83 million amount expressed its strong entity and force then.

Table 4 The global semi-conductor demand in historical sale amount &prediction I [8]

Smart terminal	2020	2021	y-y, %
Handphone, B	1.29	1.35	4.9
PC, B	0.3	0.35	15
i-pad, B	0.15	0.64	2
Auto, million	79	83	4.9
Server, million	12	13.5	11
Smart wear, B	0.45	0.53	19

3. Conclusions

With developing economy the GDP will exhibit its strong role in one province even a country which as an indicator of economy development level expressed its effectiveness in all of our economy activities like the income status, foreign export and import trade, infrastructure erection etc. many aspects. So that the fitting increase aim will be becoming an important factor to a country and a region which needs us to consider prudently and make corresponding plan in advance for the sake of progressing our economy promotion urgently and rapidly. Meanwhile, largely investing in high-technique field can make our a series of industrious chain get developed which may employ more relevant talents even experts to participate those high-technique erection and manufacturing behavior, so that it could enhance the employment rate to decline government burden and leisure labor. So we should hear the comment from the scientist and experts who has enough experience to interpret the currently meeting problem divided into the economy and high-tech aspects specially the latter will create many innovation idea and path for our engineers to participate into the projects made by government institution. Like AI(artificial intelligence) robot as an important high-technique equipment who may process many men-like activities can bring out new reformation in our world. Meanwhile, they would imitate human being to do running, fighting, climb, flip etc. complicated activities which exhibits the top AI skill and level like Yushu Technique. All those focus on the software AI and Body combination, so the launch producing will meet the cost problem ie. Price. U.S. Open AI's robot sells several ten thousand dollars while China Yushu Tech only sells one hundredth.

Conflict of Interest

The authors declared that there were not conflicts of interest to disclose.

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