



## Research of Realizing High Technique's Modernization on Scientist having PhD Degree & Post-Doctoral Researchers Sustainably

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### Abstract

The research on the high technique modernization by scientists having PhD scholar has been developing recently in light of emerging technique level continuously developing. So the relevant scientists will afford a certain mission to process their academic research constantly. They may play an important role in seeking & finding new one from the nature and science character for doing effort to approach those purpose continuously. We must respect their aspects and consider carefully about the emerging find following them and process relevant item and project to do as well. In the contrast, we should put the first technique producing product with enhancing scientific capability in ahead then all the things will be around it to process which can be this paper destination and suggestion at all. Around it we can discuss many relevant works in detain because no technique there are not producing product. The former will occupy the first position then the latter will be talked about where the scientist & experts can dominate an important effectiveness. They may be having to be respectful and acceptable by all of our leader and managers whose live logistic even rented house would be aligned carefully by our human resource department and manager in advance. Only if those conditions will be made they can afford the best efforts to solve the digital data for determining the decision for senior manager even president with the mathematical-physical matters sustainably.

**Keywords:** research; realize; high technique; scientist; modernization; post-doctor; research; sustainably

## 1. Introduction

The economic GDP(Gross domestic product) innovation is about to enhance national citizen live conditions largely throughout post-doctor researcher etc. efforts continuously. So that the technique will afford the first producing force for the economic development primarily whose role may lead others to stepping into the higher level on the whole. The study for developing economy innovation will have an important effectiveness recently since the more competitor has occurred continuously spreading in the world. Therein we need to meet the urgently key joint to continue our future diagram with sustainability. The economic development must follow the academic proof and simulation. Hence the PhD(Doctor of Philosophy) holder and postdoctoral senior researcher and scholars must stand up to seek new innovative one in advance who could propose future construction with an available proof and clarification. Like quantum field they could propose the

plan with regards to the deepening theoretic model and then they proceed the corresponding trial to find further and seek the new phenomenon which is some achievements. [1~34]

The situation about new researches will continue to process by the scientist and talents for the sake of devoting into those difficult problems recently. So as many as new find can bring out new meaning and valuable thing to search for us to do continuously which may lead us to a new world to explore and share the new experiences and interest to this mysterious earth and space planet etc.. On the other side the paper written by them also carry out new trials to urgently searching work whose value can be invaluable to those exceptional ones somewhat which may be letting us to understand and consider. There is many things for us to pursue results like basis one, applied one etc.. If we can excite our spiritual force to solve the mysterious phenomena to indicate clearly the truth we must get it certainly, so please try to seek more

things which is to see the more, then to understand better so as to find the difference. In short the enough collaboration between economist and technique researcher would produce more chances for our enterprise’s modernization management level and progress stably and smoothly. [5~8]

**2. Discussions**

**2.1 China GDP in 2024 in light of China News**

The China GDP has achieved beyond 134 trillion yuan i.e. 18.6 trillion USD upon the primary calculation with increasing speed 5% in 2024 in light of the latest report. Therein the primary industry increasing value has indicated 9.1 trillion yuan and the secondary industry has become 49.2 trillion yuan while the tertiary one attains 76.5 trillion one. They increase rate will provide 3.5% 5.3% 5.0% respectively. In the contrast the three industries will afford 6.7% 36.7% 57% accordingly where the tertiary one occupation rate will be the highest and then the secondary & primary turns, which reflects the better the distribution value meant the advance kind to have better proportion. [3] That was introduced by the relevant charging man in the National Statistics Bureau when the office in State Council opened News’ conference in the morning on January 17<sup>th</sup>, 2025. In 2024 the producing economy operated generally in smoothness & stabilization progress in stabilization, so the high quality development acquired a new progress and the economic society development’s main aim & task has acquired smooth achievement. On the other side, the China economic ‘Achievement sheet’ exhibition in 2024 the tertiary industry is continuously increasing and modern tertiary one is developing excellently. Meantime, the market sale maintains increasing and net retail becomes activity. Furthermore, in light of the national developed & reformation commission’s affiliated institute of macro economy Dean Han Huang said that under the leading of technique innovation our artificial intelligence integrated circuit quantum technique those fields have broken through continuously besides our new energy vehicle obtained to break through 10 million in 2024. [4]

**2.2 Canada & China three province GDP comparison**

The Canada & Guangdong province has dominated the the first and second one whose GDP amount would retain 10 trillion & 3.6 trillion yuan with the y-o-y 9% & 47% accordingly in 2014 like in Table 4. On the other side, Jiangsu & Shandong could dominate the 6.5 trillion & 5 trillion yuan following Guangdong with high y-o-y 54% & 48% in 2014. Generally Chinese three province will provide the relevantly high speed to express the potential economic strength.

**Table 4 The Canada & Chinese three provinces GDP comparison, trillion yuan (unit). [2]**

Year	Canada	Guangdong	Year	Jiangsu	Shandong
2007	10	3.6	2007	3	2.6
2014	11	6.8	2014	6.5	5

4			4		
y-o-y	9%	47%	y-o-y	54%	48%

The y-o-y has attained 50% both in Zhejiang & Henan provinces with 4 trillion & 3.4 trillion yuan in 2014 like in Table 5 whose value exhibits the 3.2 trillion yuan & 2.8 trillion one by Taiwan province and Sichuan with 15% & 57% y-o-y in 2014 accordingly. In general the three provinces express the higher y-o-y value beyond 50% meaning the big economic strength in 2014 and 2007.

**Table 5 The Taiwan & Chinese three provinces GDP comparison, trillion yuan (unit). [2]**

Year	Zhejiang	Henan	Year	Taiwan	Sichuan
2007	2.0	1.7	2007	2.7	1.2
2014	4.0	3.4	2014	3.2	2.8
y-o-y	50%	50%	y-o-y	15%	57%

**2.3 The world level scientist & talents tendency**

In light of the Guangdong Shenzhen report on January 11, 2024 the China high level scientist number firstly has surpassed the America to occupy the No. 1. The American high level scientist has increased from 36,599 to 31,781 with from declining 32.8 to 27.3% in 2020 & 2024 while the China top scientist & talents increased from 18,805 to 32,511 with speed from enhancing from 16.9% to 28% of the world occupation accordingly. [5] Then the Germany high level ones are maintaining stabilizing in recent five years with somehow decreasing. Moreover, Britain & France one will decline continuously and Italy may retain increasing tendency with double amount and occupation rate which is a highlight in Europe. On the other side, Japan and Australia high level scale and occupation rate has all contracted focusing on the high level technique talent aspect. Therein active scientist and talents in America will occupy No 1 with 25,887 and 33.5% while the China will indicate 16,968 and 22% following the former. The Germany Britain Italy France etc European countries and Japan Swiss Australia Spain Canada active scientist and talents will dominate beyond 2%. It will be reported that in recent five years, the global high level scientist and talents distribution has been exhibiting with China rapidly emerging America relevantly contract Germany stably maintenance while the others may vibrate complicatedly on the whole. Because the China new R & D (Research & development) constitutions number has surpassed 2,400 and the high cited amount lies in No. 2. However China strength increasing still had required the corresponding international academy words rights. That has subjected to 129 total disciplinary journals based in 2020 & 2024 with 400,000 papers data so the China & America bilateral still has been occupying the dominant position according to Newhua News agent.

**2.4 Scientist overseas returning**

Yijuan Hu who was graduated from Mathematical department in Perking University has been graduated in North Carolina

State University, Chapel Hill school. Before her returning back she was charging of American Emory University professor. In July, 2020 she joined Perking University, Perking International Center of Mathematical Research(BICMR) whose research is focusing on statistics micro-biology genetic inter-disciplines. At the same time, she has dedicated to actual biological medicine data analysis problem. She said that when she was in the course of PhD human gene group and been highly developing with big scale human array research. However many statistic researchers have all contributed to gene statistic researcher and America big devoted into the field about more than ten years with producing enough achievement. [6]

**2.5 The global cities subway miles**

The global top 5 cities’ subway has been ranking here whose mile attains 381 million meters~254 million meters in 2011 by New York city~Madrid one accordingly as known in Table 2. At the same time the Beijing, Shanghai has maintained 56%, 67% y-o-y in 2016 &2011 respectively. So that the Shanghai’s increasing rate is the largest exhibiting its strong developing force as an emerging city. Generally the New York city has still retained the best optimum mile in 2011. [1] Moreover, the Mosco has occupied the second ranking following New York. On the other side the Madrid follows Bejing and Shanghai cities in turns. From there it has exposed that the China two cities could provide the boosting force yet. In the contrast Beijing &Shanghai two cities would dominate the top two position with 571 million miles and 520 million miles subway in 2016.

**Table 2 The world top 5 cities’ subway ranking**

No.	Cities	Mile, in 2011, thousand meter	Mile, in 2016, thousand meter	Y-O-Y
1	New York	381	411	7.8%
2	Mosco	370	399	7.8%
3	Beijing	365	571	56%
4	Shanghai	311	520	67%
5	Madrid	254	273	7.4%

On the other hand, the Guangzhou Delhi has occupied the sixth seventh ranking as shown in Table 3. Moreover, the Hongkong &Shenzhen follows Delhi city in turns. From there it has exposed that the China three cities could provide the boosting force yet. In the contrast Gunagzhou Delhi would dominate the top two subway mile with 256 million miles and 248 million subway miles while the Guangzhou maintains high y-o-y 32% in 2016.

**Table 3 The world top 6~11 cities’ subway ranking [1]**

No.	Cities	Mile, in 2016, thousand meter	Mile, in 2011, thousand meter	Y-O-Y
6	Guangzhou	256	174	32%
7	Delhi	248	171	31%
8	Hongkong	227	223	1.7%
9	Shenzhen	217	-	-
10	Paris	207	195	5.7%

**3. Conclusions**

The economic GDP innovation is about to enhance national citizen live conditions largely throughout post-doctor researcher etc. efforts continuously. So that the technique will afford the first producing force for the economic development primarily whose role may lead others to stepping into the higher level on the whole. The study for developing economy innovation will have an important effectiveness recently since the more competitor has occurred continuously spreading in the world. Therein we need to meet the urgently key joint to continue our future diagram with sustainability. The economic development must follow the academic proof and simulation. Hence the PhD holder and postdoctoral senior researcher and scholars must stand up to seek new innovative one in advance who could propose future construction with an available proof and clarification. Like quantum field they could propose the plan with regards to the deepening theoretic model and then they proceed the corresponding trial to find further and seek the new phenomenon which is some achievements. Then to stay them to do one thing that he may publish the relevant achievements in Journal for sake of provoking reader consideration to think about whether it is feasible recently or in future etc. problem. There is many things for us to pursue results like basis one, applied one etc.. If we can excite our spiritual force to solve the mysterious phenomena to indicate clearly the truth we must get it certainly, so please try to seek more things which is to see the more, then to understand better so as to find the difference. In short the enough collaboration between economist and technique researcher would produce more chances for our enterprise’s modernization management level and progress stably and smoothly. In the end we should put the first technique producing product with enhancing scientific capability in ahead then all the things will be around it to process which can be this paper destination and suggestion at all.

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