



The Searching for Thriving Economic like GDP & Cutting-Edge-Field Development on Programming Scientist & Fellows' Innovation like Measures Sustainably II

By

Run Xu

Gyeongsang National University, College of Engineering, School of Nano New Materials, JinJu-Si 52828, GyeongNam, Korea



Article History

Received: 15/04/2025

Accepted: 23/04/2025

Published: 26/04/2025

Vol – 4 Issue –4

PP: - 126-130

Abstract

The China two sessions are held in this week whose target is about to focus on the policies progressed continuously the sensitive issues in China economy & finance high-Tech products manufacture education constitution etc. statement. The scientist with post-doctoral certificate might help us to proceed many subjects in cutting edge field of science & engineering with erecting corresponding modelling for advancing mathematics formulas. In economics benefit calculation many formulae are substituted with digitalization of investigation result. Meantime the error calculation will be proceeded in order to observe precision. To compare with other publishing paper we can find the error for its model correction. It will be whether it satisfies actual demands for applying to the experimental instruction. If it is better we can consider trial for large application in actual fact. Thereby the optimum path and scope will be looked for and found the best benefit to predict accurately within it. The new evaluated methods have searched the whole procedures for making products in maker in order to extend their tendency in advance in this study whose scope reaches both economics and high-Tech products model in word. The cost and profit model has been established in order to judge the scientific decision in high-Tech products of enterprise. The GDP(Gross domestic product) presents a innovation method in economics models will form tendency to solve prediction problem at present. In this study the scientific economics and high-Tech products model and coefficient will be described. At the same time the BP(back propagation) neural network can be applied to economic and high-Tech products matters to predict their values in enterprises. Since its advanced function and big data it has been used in a certain aspects such as pollution emission reduction relevant etc. enterprises at present. At last, the Asian ones are currently affording a strong potential in the world economy situation so we must consider about its development reason and forecasting future status in advance, which needs us to support and cooperate them largely and sustainably.

Keywords: thrive; method; GDP; economics; fellows; high-tech products; innovation; development; unit; university; scholar; sustainably; cutting-edge field; scientist

1. Introduction

The economic GDP innovation is about to enhance national citizen life levels gradually throughout post-doctor research etc. efforts constantly. Therein the high technology level will eventually enhance continuously so as to achieve our strategic aim regulated by expert with forecast and regulation. Though there have been many difficulties fronting us but the resolving method and wisdom can be sought certainly by our endeavour so that the innovative founding will be sought continuously and definitely. On the contrast the some eminent post-doctor

researchers would develop their genius & capabilities for excellently processing our project transforming into commercialization continuously and with constant wisdom. On the other side, the automobile as an important transportation's tool could affect its important role in remote control & regulation aspects. It now becomes a necessary family and group one throughout continuing to search now transformed into new energy vehicle to expect making goodness environment and atmosphere to the generations upon less exploiting resource on earth gradually and eventually.

At last the estate as a indicator of economy situation will wield its strong role currently. Therein we should emphasize it and treat carefully by government's constitution correlational one. The policy will reflect the world economic situation and tendency to enhance its modernization level and make some to earn those money become rich in advance, thus the others can develop together. We should continue to put some relevant policy publicly upon changing situation sustainably which can encourage society fare, justice, balance in the end for those who make their endeavour and capability up. Especially the fellow of post-doctoral will play their cutting edge knowledge & experience and capability on relevant field like Deep seek president Master Wenfeng Liang graduated from Zhejiang University, information & electronic Engineering department acquiring his Master degree whose rapidness raises will initiate historical first case in light of the latest news recently.

2. Discussions

The China economy has been ongoing a rapidly developed period after experiencing several ten years effort, hereby the emerging industries like AI Robotic etc. will be encouraged in all aspects which may provide us many promise insights and developing space for our fellows and researchers to follow. Moreover, since the many needing talents may be recruited and used in cutting-edge-field in factories around us the education issue will propose by us whose task may be necessary and urgent for our future perspective, thereby the more carefulness and investment can be essential from now on. On the other hand, the government constitution should afford comfortable advantage investment in those relevant industries for the sake of progressing our entire economy thriving and prosperity continually and sustainably. We will discuss the new and initiative aspect according to China economic developed status so as to find the more and bring out the change in future. [1~10]

2.1 Carbon Fiber Reinforced Plastics (CFRPs)

Are you ready to elevate your career in **material science** and stay at the forefront of innovation?

Master **Carbon Fiber Reinforced Plastics (CFRPs)** – the revolutionary material transforming industries like **aerospace**, **automotive**, **construction**, and **renewable energy**. [1] Why CFRPs Matter: A. **Lightweight and strong**: CFRPs are 10 times stronger than steel, yet 5 times lighter, making them ideal for cutting-edge applications. B. **Growing market**: The global CFRP market is projected to exceed **\$25 billion by 2026**, driven by increasing demand in high-tech industries. C. **Sustainability**: As industries push toward eco-friendly alternatives, CFRPs are being utilized for their potential in **sustainable engineering** solutions. That as a significant materials has been using in aeronautic & astronautic field in terms of updating experience & knowledge by scientist & scholars. So that the research about that composite materials will be prevalent now in many research teams of university and laboratory searching abroad and in domestic. Moreover, in space scientific area & airplane one the importance is about to get acknowledged we should put our time and spirit

& capital to process relevant experiment to prove and verify the actual performance to decide how to apply and when to do etc a series of project through which its reality application will be discussing and proving. For the sake of saving gravity and manufacturing cost there will still have many tasks to continually proceed and find up to its real application to the product. In the end we should hurry to chase the most advanced material research level to process the basic research and applied one so as to afford a firmly feasible technology in construction material and plane board etc. [9] bearing force one part as soon as possible. [11~20]

2.2 China provincial average salary per year for private educational units ranking in 2023

The each provincial average salary per year for educational units in 2023 will be exhibiting in Table 1 whose ranking as Ningxia~Guangxi province provided 43,335~38,528 yuan per year occupied No. 24~30 accordingly in light of China statistical years book in 2024. Moreover, the average salary in those provinces would indicate 41,258 yuan being more than 40 thousand yuan in general.

Table 1. Each provincial average salary per year ranking for educational units.

No.	Province	Salary, per year
24	Ningxia	43,335
25	Liaoning	43,199
26	Hainan	41,791
27	Inner-mongolia	40,973
28	Gansu	40,540
29	Heilongjiang	40,442
30	Guangxi	38,528
Average	-	41,258

That each provincial average salary per year for educational units II in 2023 will be exhibiting in Table 2 whose ranking as Guizhou~Shanxi province provided 49,465~43,680 yuan per year occupied No. 16~23 in light of China statistical years-book in 2024 accordingly. Moreover, the average salary in those provinces would indicate 47,243 yuan being more than 45 thousand yuan in general. [2]

Table 2. Each provincial average salary per year for educational units ranking II

No.	Province	Salary, per year
16	Guizhou	49,465
17	Hebei	49,086
18	Shanxi	48,996
19	Jiangxi	48,907
20	Xinjiang	47,824
21	Yunnan	47,205

22	Henan	45,005
23	Shanxi	43,680
Average	-	47,243

2.3. China top 15 counties import & export amount ranking in the first two months of 2025 [3]

The each provincial average salary per year for educational units in 2023 will be exhibiting in Table 3 whose ranking as Kunshan Jiangyin Jinjiang province provided 538 512.6 364.7 billion yuan per year occupied No. 1~3 in light of China statistical years-book in 2024 accordingly. Moreover, the average salary in those counties would indicate 291.1 billion yuan being more than 2.5 hundred billion yuan generally. In the whole country, the total amount will provide 6,535 billion yuan with y-o-y recorded -1.2% in the first two months of 2025 in terms of General Administration of Customs' data. [4] Therein there were six counties come from Jiangsu province which are Kunshan, Jiangyin, Zhangjiagang, Changshu, Yixing, Taichang.

Table 3 The China top 15 strong counties import & export amount ranking in the first two months of 2025

No.	County	Foreign trade amount, billion yuan	Province
1	Kunshan	538.0	Jiangsu
2	Jiangyin	512.6	Jiangsu
3	Jinjiang	364.7	Fujian
4	Zhangjiagang	337.4	Jiangsu
5	Changshu	307.9	Jiangsu
6	Cixi	292.8	Zhejiang
7	Yiwu	250.3	Zhejiang
8	Shenmu	250.2	Shanxi
9	Yixing	245.5	Jiangsu
10	Changsha	226.6	Hunan
11	Renhuai	197.0	Guizhou
12	Fuqing	190.0	Fujian
13	Taichang	188.0	Jiangsu
14	Zhuji	186.1	Zhejiang
15	Leqing	185.8	Zhejiang
Average	-	291.1	

2.4 Top eight countries goods exportation entities listing

The each countries goods exportation amount would exhibit in Figure 1 where the China~Japan recorded 3.3~0.8 trillion dollars occupied top one~four in 2023 while the difference between China and U.S. retained middle 1.2 trillion dollars

accordingly. However, the Japan maintained a fixed value with 0.7 trillion dollars all in 2018~2023. [5]

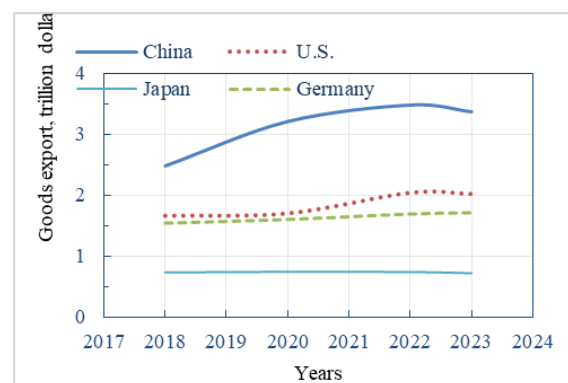


Figure 1. The each countries goods exportation entities listing

In light of Figure 2 the four countries goods exportation amount could be expressed where the China U.S., Britain Canada ones might show 0.64, 0.62, 0.58, 0.56 trillion dollars dominated top five~eight ones in 2023 respectively.

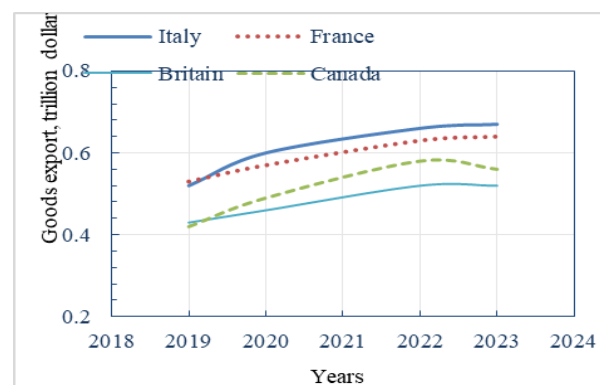


Figure 2. The each countries goods exportation entities listing I

2.5 The China provincial saving per one top 11 ranking in 2025

The Provincial saving per one top 11 ranking will express that the Beijing Shanghai Tainjin might occupy the top one~three one with 325, 250, 175 thousand yuan correspondingly. However, the Jilin Heilongjiang Shanxi will indicate 120 thousand yuan in 2025 in light of Figure 3. [6]

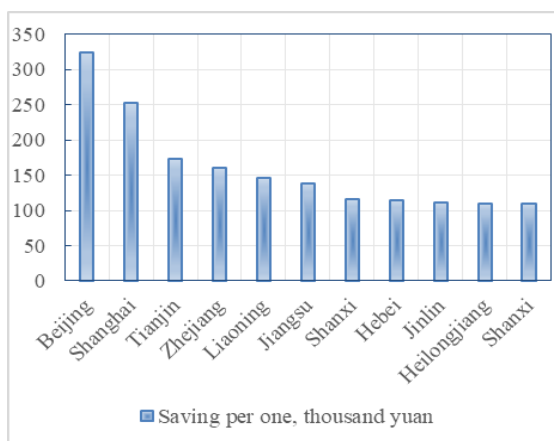


Figure 3. The China provincial saving per one top ranking

Additionally, the Guangdong~Chongqing saving per one amount occupied the 12~16 ones with the exportation amount 107~98 thousand yuan in 2025 expressed the stronger entities in China in light of Figure 4.

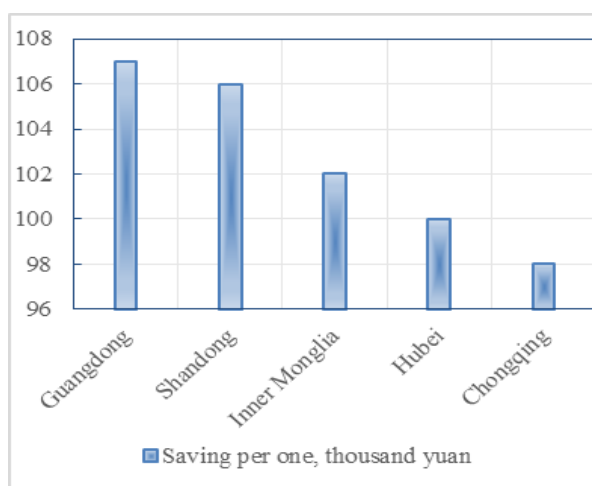


Figure 4. The China provincial saving per one ranking I in 2025

2.6 India & Russia goods exportation ranking in 2018~2023

The Russia & India goods exportation amount would indicate 0.42~0.43 trillion dollars in 2023 whose speed attained 1%~8.6% 2018~2023 in general in light of Figure 5 respectively. That amount would decline in 2023 whose reason may be caused probably by Russia-Ukraine Conflict and Israeli-Palestinian Conflict because the economic panic and depression happened following them then. [7]

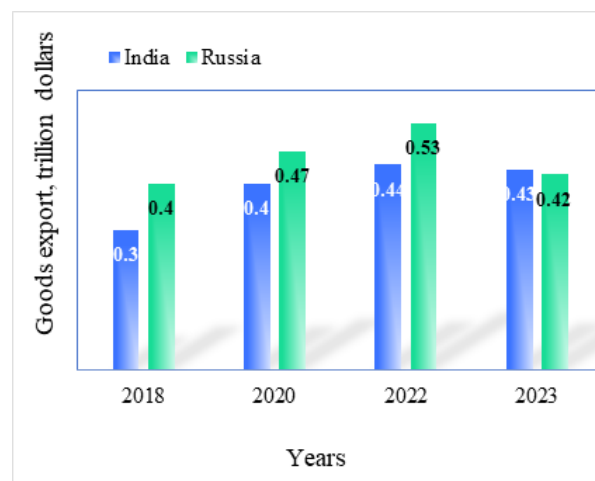


Figure 5. The Russia & India countries goods exportation entities listing in 2018~2023

Overview, with regards to thriving the high-tech industrious development like AI robotic, New-energy automotive & aerospace research and expansive fields we should positively and intensively put our attention and capitals into those emerging industrious & business' project by government institution. Thereby, many researcher and senior engineers and much money will be investing for reviving the economic continuously developing with initiating new measures in our searching and manufacture fields of the mentioned development. Moreover, the scientist and fellows processes continuously searching work to help the government and enterprises to make some decisions on the high-tech cutting edge field which may afford a strong future anticipation and prosperity for human being generation continually. Like AI Robotic industry will have a potential prosperity future so we must pay more attention and capitals to its relevant ones, meantime the as many as engineers and scholars would be educated and needed in future.

3. Conclusions

The economic development is meeting an important occasion which exhibits that the emerging country and city economic community has been growing rapidly. Currently the Asian ones are affording a strong potential in the world economy situation so we must consider about its development reason and forecasting future status in advance. Firstly, the Asian China & four little dragons even recent four little tigers like Malaysia Indonesia Philippine & Thailand will play an important role in far east area because the advantage geography position like coast sea area so its sea transportation will be developed with the heavy tons freight in the container-ship. Secondly, the many population accumulation will become an important factor which needs a strong developing demands in the competitive environment. At last, the climate conditions would be a advantageous feature there to proceed more than two times acquirement in one year because of its comfortable atmosphere and earth all the time. On the contrast the scientist and fellows processes continuously searching work to help the government and enterprises to make some decisions on the high-tech cutting edge field which may

afford a strong future anticipation and prosperity for human being generation continually. At the same time, the applied scholar & fellows should be sought frequently through human resource manager and staffs connected the relevant project manager who could become be searching the fit ones. Meantime, the educational subjects upon expert & fellows would be processing with periodical time for the sake of educating the fittest one to adopt in research division to make new function skills for applying to the new occasions.

References

1. Elevate Your Materials Science Career with CFRPs, e-mail, September 24th, 2024
2. Tencent News, Apr. 14th, 2025, Internet
3. News, Apr. 14th, 2025, Internet
4. Ranking, Apr. 14th, 2025, Internet
5. News, Apr. 17th, 2025, Internet
6. News, Apr. 18th, 2025, Internet
7. News, Apr. 18th, 2025, Internet
8. Tencent News, Apr. 19th, 2025, Internet
9. Run Xu, Effects of Composition on Structures and Mechanical Properties of Ti-Al Based Intermetallic Compounds[D], Dissertation, Gyeongsang National University, Library, Feb., 1999: 4.
10. Run Xu, A Study on Directional solidification and deformation behaviors by calculation in Titanium Aluminides[D], Dissertation, Gyeongsang National University, Library, Oct., 2009: 8.
11. Run Xu, The Modeling of Properties and Parameters on Variable Resistance with Series Circuit in Micro motor I, East African Scholars J Eng Comp Sci, 2021, 4(5):60-63
12. Run Xu, The Study on Model of Variable and Motors Resistance on Series Circuit in the Stalled DC Motor, East African Scholars J Eng Comp Sci, 2021, 4(6):77~82
13. Run Xu, Zhiqing Chen, Technological Analysis on Motor Stall and its Perspective [J], Electrical Science & Engineering, 2020, April 02 (1):26~29
14. Run Xu, A Simulation between Torque and Angle with Speed on Five Freedoms of Robot Mechanical Arm in Multibody Systems, Saudi Journal of Civil Engineering, 2021, 5(5): 91~93
15. Run Xu, Boyong Hur, The Relationship between Force and Time with Lagrange Equation by Regulating Piston Mass on Crankshaft of Vehicle, Saudi Journal of Engineering and Technology, 2021,6(4): 73-76
16. Run Xu, Jianguang Liu, The Kinematics Model Establishment of Crank and Linkage with Time under Low Speed in Vehicle, 2021,6(4):67~72, Saudi Journal of Engineering and Technology, 2021,6(4): 57~61
17. Run Xu, The Kinematic Models of Crank with Angle and Time in Motor Housing Process, SunText Review of Material Science, 2021, S1: 104
18. Run Xu, The Modelling between Force & Torque and Crank Angle on Crank Linkage of Engine in Vehicle by Lagrange Formula I, Scholars International Journal of Chemistry and Material Sciences, 2021, 4(4): 36-39
19. Run Xu, The Dynamic Modelling of Vortex Axis Blade between Speed, Force and Rotation under Variable Angle & Power in Helicopter, (American) SunText Review of Material Science, 2021, S1: 103
20. Run Xu, The Study of Relationship between Current and Acceleration on Simulation in Motor, SunText Review of Material Science, 2021, S1: 101