

# UTTAR PRADESH IS INDIA'S CHINA: AN ECONOMIC GIANT

**Suresh Kumar Gigoo**

Rajarshi Rananjay Singh Institute of Management and Technology,  
Amethi, Uttar Pradesh, India

**Dileep Maurya**

MBA Department, Rajarshi Rananjay Singh Institute of Management and Technology,  
Amethi, Uttar Pradesh, India

## ABSTRACT

*In the 1980s, the Economic Tigers of Asia were Singapore, Korea and Japan. The continent changed when a giant Economic colossus started rising like a gigantic dragon across the landscape of rivers, oceans & cities waking up after centuries of slumber. Today, China rules the Economic world in Asia and the world & may continue to grow in future. The growth looks set for a long period of time. A similar rise of India's giant state Uttar Pradesh is imminent. This paper strongly puts forward the rationale and modalities of making India's most populous state Uttar Pradesh as India's emerging China, an economic powerhouse by leveraging the new emerging technologies/futuristic trends to spearhead the broad spectrum of growth all across the state. By doing so the trade with China will also rise through Nepal and Tibetan plateau in China leading to win-win relationship at all levels.*

**Key words:** India, China, Uttar Pradesh, Economic powerhouse, trade.

**Cite this Article:** Suresh Kumar Gigoo and Dileep Maurya Uttar Pradesh is India's China: An Economic Giant. *International Journal of Management*, 8 (6), 2017, pp. 9–17. <http://www.iaeme.com/IJM/issues.asp?JType=IJM&VType=8&IType=6>

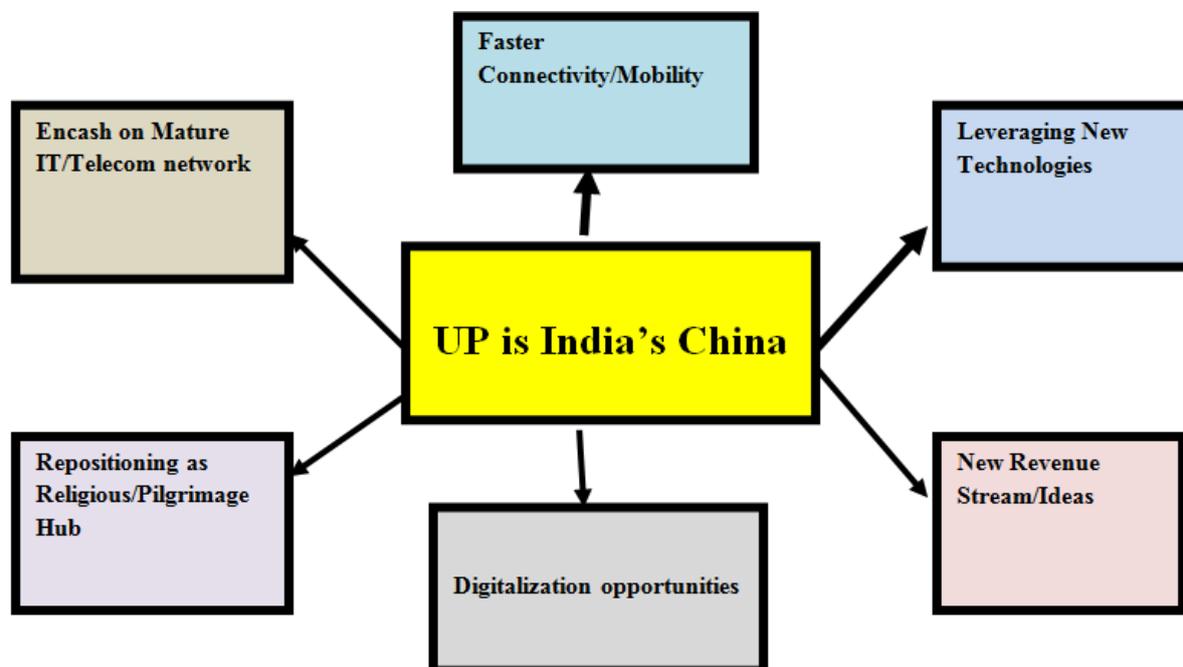
---

## 1. INTRODUCTION

Uttar Pradesh is a giant state located in Northern India bordering several states and with neighboring country Nepal. The state is famous for huge population, great monuments, crowded cities and heritage. Till now, the Economic potential of UP has been unrealized to full level, even though, it sends the maximum number of parliamentarians to Indian Parliament. This paper attempts to give out the possible growth delivered for the state. UP Diaspora in Indian cities of Mumbai, Bangalore and Delhi are playing a leading role in accelerating the Economy of these cities as also international cities in Dubai, Singapore, London and New York.

## 2. UP'S KEY DRIVERS

The Block Diagram highlights the variables /concept of making Uttar Pradesh state of India a new emerging China type of growth engine.



## 3. HR RESOURCE ASSETS

It has been persuasively argued convincingly by leading economists and thinkers that human resources, if leveraged effectively, can deliver a force multiplier effect to any organization/company/Nation. Uttar Pradesh (UP) state of Indian subcontinent is leading at an advantage in this respect. This state is having almost 220 million (22 crores) population. This population, if engaged & gainfully utilized, can prove to be a game changer delivering huge GDP output for itself, and, in turn, India. Its growth will elevate the Indo-China ties and open up the huge opportunities in South Asia with India, Nepal and Tibet region of China playing key roles. Manpower of UP is having experience in a battery of skills ranging from Agriculture, Industry, Transport, Arts, Culture, Religious chores etc.

## 4. ABUNDANCE OF LAND AND WATER

UP is a state having large tracts of land and is crisscrossed with several rivers of huge volume of water. These resources are a source of huge economic advantage and useful for any type of Industry. The fertile soil is an enabler of variety of crop output including rice, wheat, sugarcane and more such crops.

## 5. RICH, ANCIENT & MEDIEVAL CULTURE

UP has been the cradle of India civilization for more than 5000 years. Varanasi is possibly the oldest continuously inhabited city in the world. Therefore, the people have basic value system in place conducive to good Organizational Citizen Behavioral values of all leading companies. The land has seen the rule from a diversified set of rulers from Ancient times. This provides a rich repository of Best Practices of Governance, statecraft, Strategy, business models and Financial Management.

## **6. STRATEGIC LOCATION**

The cities of UP have gained from the strategic location. These are relatively located accessibly to India's two megacities of Delhi and Kolkata. Kanpur was a great metropolitan city in British Raj. Even now it is a megacity sans the glamour of Delhi or Bangalore. However, in the present context UP's proximity to Nepal and, in turn, the huge economy of our Northern neighbour China is more relevant to today's times. Assuming a good thaw in relations between India and China when some more mature and realpolitik leaders of both countries realize the advantage of complementarities rather than threats South Asia will change the future of Asia then several great opportunities will dawn and flourish.

Imagine India's railway system goes through Nepal and heads with goods & services across to China. UP's cities will be the biggest Economic gainers in the scenario and will become leading inland port trading hubs. Further, Nepal and Tibet Autonomous region of China will also partake on the emerging prosperity. Chinese side transportation to Tibet is more difficult and (In previous centuries this was practically impossible due to challenges of geography. But in today's technological world where rivers, oceans & Air and Space have been tamed and overwhelmed by builders, engineers, JCBs, earthmovers, concrete, tunnels etc. it is possible). Uttar Pradesh has a great advantage in that its terrain is mostly flat. Hence movement of goods/services is cheaper compared to mountainous terrain.

## **7. PLETHORA OF EDUCATIONAL INSTITUTIONS**

These days, if you travel on highways and dusty, congested roads in any part of UP you will find rows and columns of cycles, motorcycles, auto rickshaws, rickshaws carrying hundreds and thousands of boy and girl students heading to their destinations i.e. schools, colleges, Coaching Institutes. The sight is great to be seen. However, more important it gives us a feeling that a "backward" state is no more backward but in the forefront of Educational revolution. Large numbers of Institutions in the state testify to that fact. The quality may not be great but that issue can be addressed with better delivery of package of Quality templates/checks/checkpoints. RRSIMT, Amethi, an educational Institute in Eastern UP is playing a leading role in this respect.

## **8. RELIGIOUS CATCHMENT CENTRES**

UP is having a sizeable number of Religious catchment Centres including Ayodhya, Allahabad, Gorakhpur, Kushinagar, Mathura etc. These Centres provide a big opportunity to revive the UP's economy. Government must encourage the building up/reviving the airports at these religious Centres. (Recently opened Mumbai – Shirdi flights success is a good case study in this regard). Let us dream and imagine such city pair combinations like Delhi-Ayodhya, Agra-Ayodhya, Ayodhya- Varanasi, Varanasi - Gorakhpur, Kanpur-Varanasi, Kanpur-Ayodhya, Lucknow-Kushinagar etc. Huge, huge potential has been left unrealized till now. Air Travel, including Helicopters, needs to be more democratized now to open up a great growth engine for UP's Economy. The same must be tapped gradually by Govt. and private Sector players. Helicopter Travel should be encouraged and outsourced to Taxi aggregators like Uber and Ola. UP's Growth engine will accelerate like a Ferrari then. It will be like India's China and leave India's "Singapore" (Gurgaon) and India's "Detroit"(Chennai) and India's Silicon Valley(Bangalore) far behind.

## **9. AIRPORT CONNECTIVITY**

A small state like Kerala has 4 airports. It is indeed surprising that Uttar Pradesh has virtually only 2 operational airports i.e. Lucknow and Varanasi. A complete paradigm change is

required. Travelers in UP need to shift to the airspaces. UP must have respectable number of airports in operation. Airports at Bareilly, Meerut, Agra, Sultanpur, Raebareli, Gorakhpur, Ballia and other cities will need to be operational in fast track mode. Inter State Travel will have lot of traffic due to sheer numbers of people. UP must also leverage its unique position for novel international routes. Examples are Bareilly–Ngari(Tibet),Varanasi-Kathmandu-Lhasa(Tibet),Lucknow-Kunming(China),Kanpur-Chengdu(China),Lucknow-Kathmandu(Nepal),Lucknow-Yangon(Myanmar). Kailash Mansarovar Yatris traffic and in the reverse Buddhist pilgrims traffic can be effectuated brilliantly. Indo-China ties will show more improvement this way than diplomatically/militarily. Also, Delhi International Airport has grabbed up the traffic of several Northern India towns. Logically, Lucknow must be the busiest airport in India since it is the capital of most populous state of the country.It should emerge as India’s Dubai or India’s Atlanta. Citizens in UP are more used to train travel. They must be weaned towards Air travel by a series of incentives/disincentives. Train Travel Tax may be imposed in order to decongest the trains in UP. UP Citizens must now learn to spend and not waste money on social evils. These steps will also help decongest/declog the railway stations across UP.

## **10. SMART HIGHWAYS**

UP has recently shown the potential of its deep commitment to modernization. The Agra – Lucknow Expressway is indeed world class. The model needs to be replicated across length and breadth of the state. This will act as a growth engine for the state and provide numerous employment opportunities. Further, highways now need not be stupid, static entities. These can be dynamic in nature with highways “moving on rails”, changing their alignments based on traffic pattern, animated milestones and Solar lighted lamps. These will require new generation of ideas/equipment providing a new growth wave.

## **11. THE COMING TECHNOLOGY WAVE**

Technological Embrace in UP may be slow initially. But once the trend picks up then there is no stopping. UP is having India’s famous IIT at Kanpur. From the recent Trend Analysis, it is observed that the coming new technologies/gadgets have the potential to transform and boost the economic landscape of UP in a big way. Based on the successful penetration of Mobiles/Smart phones, Two wheelers, Invertors etc. in UP market, there is a strong feeling that new/emerging technologies will be embraced by huge population numbers of UP. UP’s Agricultural workforce may not need washing machines, fridges etc. but they will definitely go for the following devices whenever they are commercialized by entrepreneurs:-

- Farmer Robots
- Farmer Drones
- New Generation farm Machinery/implements
- Solar Tractors/Electric Powered Tractors
- Solar Powered Thatched Hubs/Jhuggies/Houses
- Solar Powered Bicycles/Electric Powered Bicycles
- Solar Powered Submersible Pumps
- Artificial Rain Maker\
- Road Encroachment Eviction/Surveillance system for Highways
- Green Climate Control/Regulation solutions to residential/commercial Buildings

## Robots: The New White Goods



- Imagine an unseen potential of the Century for UP. UP is a pious, religious place with lovers of Radha Krishna, Ram Sita, Hanuman, Shiva, Buddha etc. Millions of Robots devoted to these religious themes will help the revival of UP's economy. These Robots can be manufactured at leading religious Centres like Allahabad, Varanasi, Mathura, Gorakhpur, Kushinagar, Agra, Kanpur, Chitrakoot like places. There will definitely be huge demand for these Robots since UP is having countless number of temples. Further, imagine Robots manufactured at UP factories and deployed for duties in temples, leveraged for crowd control during fairs/festivals/melas. Robots can also be used for following purposes:-
- Roadside Eviction of Hawkers to enable smooth right of way on highways.
- Clearance of garbage at polluted river banks of religious cities like Varanasi & Allahabad. Also Robots may also be used for prepaid/postpaid automated domestic and industrial garbage collection and disposal
- Levying of Tolls at Toll Gates of Expressways/highways including collecting tolls on futuristic Lucknow-Agra Expressway and other such new expressways
- Act like walking CCTVs for surveillance in streets/mohallas/shopping Centres/schools/colleges/cinemas/traffic junctions etc.
- Robotic Rickshaws for commuting of elders from home to hospitals and back ( in present times younger generation has no time left to help elders because of their own job pressures/survival)
- Trees in the current developing UP are facing serious threat. At the drop of a hat, they are being chopped off mercilessly. Robots will act as their companions. Robots placed on trees will act as their saviours. They will alert authorities and tree lovers with beeping signals/emails/sms whenever some threats are faced by trees. In certain cases they will activate some "teargas" type of powder to thwart the destroyers/potential destroyers.
- UP is having large number of youth and India is not great in Sports. Robotic Sports Clubs can replace the gyms in the towns and villages. Robots can be manufactured in a customized way and programmed to bring out the best skills and potential from our youth.
- UP people love their media channels. However with imminent penetration of robots there will be these
- Robots with their antennae disseminating the news periodically as programmed for the day/week/month. These will create a huge ripple demand in the economy. Newspapers may become relics of History.
- Robot collection and distribution will become a reality of life shortly. The couriers, bill collectors, postal agencies, gas agencies, car workshops, Govt. offices will get these programmed efficient robot friends and deliver cargo/post/packages/gas cylinders/services/Driving licences etc. to customer's doorstep based on GPS coordinates/maps/details forwarded while registration. The demand for such robots will be huge.

## 12. DIGITIZATION OF GOVT. WORKS AT EACH FEDERAL LEVEL

The Digitization underway is progressing in India in current scenario. This will translate to spawning of many opportunities in UP at various administration levels. Records of departments will get digitized, Educational Institutes will become digital, land records will be digital, courts will turn to paperless transactions ,ticketing in public buses and trains will be digital. This will drive huge new growth patterns.

## 13. INFORMATION TECHNOLOGY: AADHAR 2.0

India has a proud record of mapping/collating/storing the huge data of almost 1.2 billion people with AADHAR project. The success story needs to be continued with more such projects launched specifically for UP. These could be , for example, for compiling unique database consisting of several fields of all trees, religious places, hawkers, shops, livestock, hotel rooms,computers,printers,bicycles,cars,rickshaws,tractors,medical shops, ambulances, land khasras, court cases, Govt. archives, registered vendors, jewelers, educational institutes, machines/mills of the state. This will create opportunities for IT Industry with several new technologies like Hadoop, Spark being deployed. UP will play a leading role in this because sheer data volumes of the state are enormous.



## 14. NEW EMERGING TECHNOLOGIES

New Technologies are getting mature and acceptable day by day. Electric cars, Fuel cell cars, Solar powered equipment, LED Lamps usage are creating newer opportunities of manufacturing. It helps that UP is located in a good solar sunshine zone. Quickly this opportunity must be leveraged and an array of manufacturing plants be set up especially in Eastern UP. These can be located with a view to later export products to Nepal, China and Bhutan.

## 15. EMERGING/FUTURE REVENUE GENERATING METHODS

UP has abundant of resources of all kinds. But the state has not leveraged them for Revenue Generation effectively. Following are certain methods/modalities to garner the Revenue for the state:-

- **Pilgrimage Toll/Donation:-** Crores of people from India visit UP's revered pilgrimage sites. But they leave behind only mounds of garbage for the state and take loads of spirituality with them. It is a good idea that a nominal pilgrimage toll may be levied by the state to shore up UP's revenue. This revenue can be used to improve the facilities across the UP's Religions/Tourism ecosystem. With this toll, Airports and modern transport infrastructure can be built. Online E-Pilgrimage Donation/Toll may be taken from all tourists visiting the state. Alternatively automatic linking of Aadhar cards to Bus/Flight/Train tickets and auto deduction may be helpful. Collection Modality of this toll/donation can be at the entrance of pilgrimage sites using highway "toll gate" style entries/exits

- Regulated Hawking:- Roadside Hawking is an everyday nuisance and reality of UP. While eviction of them from roads and streets may be politically sensitive, however, levying of nominal Hawking Levy on Hawkers will bring in certain revenue and also act as a deterrent on nuisance hawking on roads/highways.
- License Fees from Aggregators:- Aggregators are truly consolidating gradually their hold on travel and retail Industry. Sooner rather than later this model will be replicated by others. This must not stop. However, there should be a levy of license fee as percentage of the business online/offline earned in a period. The same should go to the exchequer.
- Trade Centre Auctions:- Assuming a sufficient boom in the economy in UP with abovementioned new growth drivers there will be substantial capacity of goods/services available. These can be exported to neighbouring Nepal, Tibet (China) and Myanmar. For this it is envisaged to set up trade hubs in various cities of UP. These can be constructed on various models/BOT type models. The same can be auctioned and huge revenue will be collected by Government. Auxiliary/Ancillary Industry which will get generated as a result will also fetch more revenue streams.
- Premium Location Dividend :- Several businesses have tendency to locate in premium city centre locations. While it is good for the businesses, the Government does not gain in any way. Also nuisance of heavy congestion and traffic accrues. It is a good idea to tax businesses in premium/centrally located areas with a Premium Location Dividend Tax. This tax will also help decongest city centres in UP cities in a big way leading to better quality of life of citizens. Aim should be increase the spread rather than concentrating in a particular zone.
- Digital Switch Opportunities :- As a result of increased awareness and switch to digital technologies and “cashless system”(though behind the cashless there is a plethora of requirements of various hardware and software), numerous types of equipment are now necessary. These include card readers, NFC sensors, RFID servers, computers, other equipment etc. The Small and Medium Enterprises can be set up to cater for increasing demand expected for these equipment. It will create great boost to Govt. revenues. UP can leverage its position of being Hindi language heartland and develop Hindi oriented digital Apps for pan Northern India markets. Steady Revenue stream will emerge.



- District Jan Ghars :- Time to time people from villages are required to come to District Headquarters. They may have to come for reasons including medical, court cases, other Govt. documentation work. It will be a good idea to have Jan Ghars constructed across the state for the purpose of needy people willing to spend money staying in them on limited days. However, they will be operated on licences allotted on open tender/e-tender methodology. A steady revenue will accrue for the exchequer.

## 16. PRIVATIZATION/REVITALIZATION OF PUBLIC PARKS

Public Parks in most of the cities are non existent/deteriorated/not maintained. As the urbanization catches UP in UP's cities, people will get fed up of concrete jungles. Therefore, green lungs in cities will attract traction. There is a good opportunity for Govt. to garner Revenue by revitalization and privatization of various public parks already existing or newly

created more green spaces. Parks will be better maintained and also fetch revenues for Government. In the entire UP more than 5000 parks can be set up

## 17. AGRICULTURAL MACHINERY

As the country becomes prosperous, farmers of UP will increasingly make usage of Agricultural Machinery in a big way. Industry will need to cater for this emerging demand. The Machinery used will be with more SMART and AUTOMATIC features and will be linked to Drones, Telecom networks and other control equipment kept at Farmer's Home or Village Base central station with arrangement of Govt/private telecom companies.. Huge opportunities will get generated this way which will fuel the economic engine in higher trajectory.

## 18. CONCLUSIONS

The most populous state of India will be the driver of economic growth for the subcontinent in a big way in emerging years. The arguments bring out lucidly that the basic ecosystem of growth is already in place. There is necessity to have determination, focus and commitment to make UP a huge economic powerhouse to become Indian subcontinent's next growth engine than a laggard. UP of 21<sup>st</sup> century must return to the days of glory of its historic past soon. Uttar Pradesh has in previous centuries driven India's Economy. Various factors exacerbated the Economic downfall of the recent past. However, with new technologies various new growth opportunities are emerging. It is hoped that UP will be able to ride on these platforms quickly and grab the market share for new products & services. A new China type giant is awaiting India very shortly.

## REFERENCES

- [1] Industrial Development and Economic Growth: Implications for poverty reduction and income Inequality by Matleena Kriivila, [www.un.org](http://www.un.org)
- [2] Narendra Modi should make Uttar Pradesh the engine of India's growth, The Economic Times, March 15<sup>th</sup>, 2017.
- [3] UP Govt. Website [www.bor.up.nic.in](http://www.bor.up.nic.in)
- [4] Haryana Govt. Website [www.haryanatax.gov.in](http://www.haryanatax.gov.in)
- [5] Govt. of India Website [www.india.gov.in](http://www.india.gov.in)
- [6] Uttar Pradesh Revenue Code 2006 (and amendments thereto)
- [7] CM launches UP Revenue Code, 2006 simplifies land, laws, United News of India Website February 6<sup>th</sup>, 2016
- [8] Governance in UP under Tech-led Transformation, Website [www.egov.eletsonline.com](http://www.egov.eletsonline.com) 2<sup>nd</sup> August 2016.
- [9] Uttar Pradesh Education for all, Vision enumerated at Website [www.upefa.com](http://www.upefa.com)
- [10] China's Economy A remarkable transformation by Richard Herd and Sean Dougherty on Website [www.oecdobserver.org](http://www.oecdobserver.org)
- [11] A Brief History of the Pilgrim Tax in Puri by Manorama Tripathi, Odisha Review, January 2014.
- [12] The Rajasthan Value Added Tax Rules, 2006.
- [13] Potato Planting Machine : Feasible Solution of Farming by Satyendra Pratap Singh et al in International Journal of Creative Research & Thoughts, October 2017.

- [14] Dr. N.S. Rathi and Emhemad Omar.A. Abusef, Innovations in International Accounting and Taxation System in Global Arena; Challenges ahead. International Journal of Management (IJM), 5 (2) 2014 , pp . 69–74.
- [15] Dr. Govind Dave and Kirti Makwana, A Study on Assessing Expatriate's Challenges during an International Assignment: International Human Resource Management Perspective. International Journal of Marketing and Human Resource Management, 7 (2), 2016, pp. 23 – 35.
- [16] K. Vijaya Sekhar Reddy, Dr. Tamarana Srinivasa Rao and Dr N. Roopalatha, An Effectiveness of Human Resource Management In Small and Medium Industries – An Telangana Experience, 8(7), 2017, p p. 1010–1017, 8(7),
- [17] Suneet Walia, Decision Perspective with Effective Strategic Human Resource Management. International Journal of Management (IJM), 4 (6) 2013, pp . 43 – 51.