

: AFTER 50 YEARS OF INDIA'S INDEPENDENCE :

A MALACHITE VIEW

TO

**GLOBAL VILLAGE
FROM ARUNACHAL - INDIA**

● **Scientist - GOKUL**





ABOUT THE AUTHOR (G.K.B.)

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He started his Government's official life during Feb, 1988 in the Regional Research Laboratory (C.S.I.R.) Jorhat, Assam, Govt. of India, as scientist in Applied Civil Engineering Division. Now he is staying at its Branch Laboratory - Itanagar, Naharlagun, Arunachal Pradesh. He involves himself mainly in the R & D activities related to Soil & Rock Mechanics and Foundation Engineering, Concrete and Building Technology, Design of structures and Earthquake Engineering.

Despite of being a scientist, he devotes his non-official working life towards the growth of social aspiration to prudent in new dimension. Accordingly he is shouldering the responsibilities of "Arunachal Bhasa Anusandhan Sabha" as its founder President (Voluntarily). Moreover, he used to devote his time towards the further development of "Itanagar Sahitya Sabha", since 1993. Besides these local NGO's activities, he has become the life member of four different National Organisations related to Engineering Science and Technology.

Mass of the people of this region used to accept him as a Fine Artist, Natural poet and writer as he has made his joint Art (Oil painting) & sculptures exhibition twice, as he won - "Bhasa Sampri" reward from Arunachal Nagari Sansthan, and published articles in various periodicals.

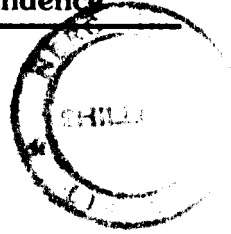
He has got one scientific article published from London (Masonry International 1991) U.K. and about a dozen of articles in National level.

He has developed one new Engineering Formula with design curves for field implementation, in his official subject and accordingly published the same during 1991. Further he developed eight new emperical formulae in Soil Engineering, which are awaiting for publication.

Presently he is the author of two Assamese Books (Poetry verse); one English and one Hindi.

After 50 years of India's Independence

**A MALACHITE VIEW
TO
GLOBAL VILLAGE
FROM ARUNACHAL -- INDIA**



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An introspection to the global people, population and interactions

Introduction :

The mass of the human individuals of a district, or a state, or a country, or recently known as global village on the earth are generally termed as a people. The total mass numbers of the individual irrespective of any division contains within a particular boundary of a district or state or country is called human population or simply population.

As the people are living beings, therefore, it needs food for living, shelter for getting rest and eco-socio-political standing & recreation welfare for holding a life for its sustainances or for enjoying the meaning of life as a divine origin, whose self-actions meant for creation of another world, or for passing the lifetime for its attainment of the eternal end or oblivion. The overall management of these life related indeed of activities gave birth(1) Religious Civilisation in the remote past, and (2) Modern Civilisation in recent past, which has become the aspiration of the present day people.

Back view of people :

Food has taken a potentially high position at the centre of political, economic and social thinking of all societies, since the dawn of the ancient civilisation. It had been used as a means of oppression and blackmail,

and it creates a frequent cause of war, disorders and revolutions. Of courses, it has not lost its potential even in this modern scientifically advanced world too. Management of food for self-sustaince may be done individual or family or social group or states or Nation-wise as a duty of the government affairs, however, for poor countries, it is generally managed from the world affairs also, considering them as a member of the global village.

Shelter may not be essential as like as food, however, a man or a group of men can live without shelter in the form of a house or home or hut. Of course, shelter makes man happy, therefore, in this modern age it is considered that homeless or having no form of dwelling is a fact of inhumanness.

Food and shelter, together makes men a poor or rich, which yield ultimate status of economical standing of the man. There have been differences between rich and poor individuals or Nations since the beginning of the history, and to some extent, it can be argued that most civilisations arose from the struggle for economic and military supremacy which could be achieved only by a domination of economic or military by the stronger ones over lesser powers. Such forces, that have shaped the history are still survive, not in the crude method of its past, but in a most modern form of global economic and military supremacy of the well developed group of countries over poor countries or over the people of third world communities.

The eco-socio-political standing, which is inturn called – economic infrastructure, is generally not a managerial job of individual or group of people, but a complex job of a state or a Nation of a country or even a job of International, interms of political legislation of the concern Government authority. In the remote past,

during religious civilisation the entire economic infrastructure was legislated by the King and his ministerial council, or, Empire, due to which they faced many wars, or disorders, or, even revolution, which caused many changes of the then existing setup. In spite of facing such difficulties, the economic infrastructure of the reign of a King within his Kingdom was maintained well, because, at that time population were thin. Moreover, to this, at that time, people were ruled almost by the Natural law and Justice, where humanity was a far behind question, that appeared for now-a-days. Due to which, the changing of any existing setup became almost a feature of severe occurrence. That is why, history had been written in search of 'Humanity'.

So far the history of humanity has been characterised by the continuity of changing the eco-socio-political setup, therefore, precedently, Empires or Kings have risen and fallen, making room for the New ones, for new ideas, new ways of life, social orders and hopes for that future. Hence, the period between Empires, between consolidation of power that could offer security by enforcing law and order, were marked by fear, uncertainty and violence, but, sooner or later, due to appearance of 'Industrial Revolutions' and modernisation of social setup, inevitably, the forces of disintegration stabilised to form a new centre of power, which folded the entire economic infrastructure, not only of a state or country but also of the whole world community.

The most important & effective factor of human community, is the recreation welfares needed for holding of life in search of the rhythm of mental peace and prosperity and there by proceeds for evolving self-generation by upheaving the 'Gene' for next generation, is generally destined by Customs, Art & Cultures,

Language and literatures, Life and Religion and the absolute recitation about the conception of the Nature and natural laws that related to individual life. Such activities of human life were dealt well and developed accordingly, in the period of our religious civilisations. Due to appearance of the modern life recently under the purview of machine and electronic world interms of global village relationship and activities, which make the perception of then developed Art & Cultures, Religions, etc. become a secondary object of today's human activities, most particularly, for the people who are living in the 'Urban Jungle.'

Present view of people :

The clock is the universal ruler of the people of present age. The rhythm of the seasons, of day and night, which were followed directly by the people during the religious civilisation in the remote past, now that have been replaced in this modern period, by the thrythm of a mechanical or electronic or electrically excited crystal devices, which governs everything of our daily life, i.e., we do everything according to the watch time confining to second. However, sporting records, acceleration rates, missile speeds, shutter speed of the camera fitted in the rocket or satellite are most important to save the value, which are measured in many fraction of a second, are also become possible, with the help of modern technology. This capability of course saves many crores of national money.

The clock tells us when to get up, when to catch the train or bus or aeroplane, when to be in office, when to go to lunch,, when to return home, when to have dinner, when to watch the news or other important programmes in the T.V., when to go to bed etc. It

reveals that, our natural life become a 'Clock work nature of life', more particularly for the people living in urban jungles. There was a time for everything, a time to live in peace for wide natural life, a time to die naturally, but proceeding mechanically from one task to another, day after day, year after year, can turn life itself into a mechanised procedure of linearly-spaced industrial tasks and thus lead into a non-event pattern of life in history. This is called a trend or pattern of modern life, which itself generating dehumanising nature of the human community introducing machines, care, computer, robot, etc for its development and sustainance.

The primary reasons for development of this kind of modern age are --

(1) The increase of the size of the population in each country unprecedentedly.

(2) Perception of humanity in consideration.

(3) To feed the people in a standardised way as a member of the one human community.

(4) Insearch of more and more comfort and easier living pattern and status under artificial condition.

The advent of modernisation leads the people into the decaying of their cherished beliefs in religions and faiths. Consequences reveals the reality, that the power to destroy the material world is no longer exclusively remains in the hands of the God, or some other external agency, but in our own hands. It is in the hands of the people, in the ongrowing big size of the world's population. It is absolutely true, therefore, it is believed that we are almost bound to destroy our own planet, the earth, by just living 'Normally' or in other words, by continuing to see the 'Material progress' interms of self-consumptions, through the eye's of modernisation.

The concept of modernisation arose, to some extent, from the slaves of standardisation, which was a process that began as an essential element of industrialisation, and rose up to the degree of 'Standardisation' into the neat categories of recognisable and interchangeable types, shapes, size, methods and ideas. Most of the people have a belief on standardisation, that it is in terms of 'Westernisation'. However, the westernisation is not solely meant for modern civilisation, but only really to mean for standardisation. Of course, the standardisation is also not an aspect of capitalism, but of industrialisation of the forces inherent in the process of mass production and much consumption of the products. Although, it began in the west, it has been taken to its most depressing stage in the Socialist countries, but, to its most proud stage in the well developed and under developed democratic countries. In this rhythm of modernisation, all people concerned are streamlined along with industrial products, starting in the morning with tooth brush and paste, up to the extent of taking bed with air conditioning room with T.V. sets, Telephone or mobile sets, computerised programmes for activities, artificial lighting condition in the space of multi-storeyed skyscraper buildings. All of these make a complex artificial situation and making the standardisation a confused phenomenon.

In so far, as standardisation is confused with westernisation, therefore there are few parts of the world that have not seen westernised at least to a degree, and even fewer that can, or wish to, resist the forces of continuing westernisation.

After World War-I, the British economist, John Maynard Keynes wrote about his generation suddenly becoming aware that Western civilisation was a 'Thin

and precarious crust erected by the personal and will of a very few, and only maintained by rules and conventions skillfully put across and guilefully preserved.' Recently, the western feeling reveals -- "We are now more aware of this than never before, but to prevent our civilisation from folding it on itself will require the will, the skills and the guile of many more than just a few ; it will require no less than a new conceptual revolution of our idea of 'Progress' and "a painful abandonment of many, if not most, of our cherished beliefs."

Educational curricula, production methods, civil services, pay scales, economic management, armed forces, working hours, vacations, pension, banking, shopping facilities, medical care, weights and measures, exchange rates, advertising style, all must be brought within tested and commonly accepted practice to lessen friction, to save time in terms of money and to make everything run as smoothly as possible ; if the modernisation is to be triggered uniformly all over the surface of the globe, if there is a dream to make a global village. For which the global village makers will be mostly -- the transportation, postal and telecommunication networks, all have to conform to uniform standards for all corners of the village ; if they are made for efficient global purposes.

The prospects of modernisation towards the building of global relationship, are being cherished due to the following reasons :-

- (1) The polarisation of mutual interdependence that sustained between poor countries unable to survive without the food or technology for mass productions and rich countries (Industrial world), which can not provide heavily on raw materials that

supplied by the poor countries (The Third World).

- (2) The political realities, influencing everyday lives as much as economic ones, in historic term.
- (3) The complete territorial subdivision of the surface of the earth. Now-a-days, no spot on the earth can be called as no-man's-land any more, every centimetre of ground, even much of the sea, has been claimed by one or another group of 100 persons, or so sovereign states in existence. This territorial carve-up, normally maintained and protected by international law, has other consequences. Passports are necessary to cross borders. In many countries, citizens are prevented from leaving. In many more, foreigners are prevented from entering except with possession of a visa.

Almost all countries, at present, in the rhythm of modernisation are governed by the mountains of legislation, whether they are international, national, state, regional and district level, (Decentralisation of power in democratic system). Any affairs of human community are keeping within a fixed law. All are time and situation concern. New law and regulations appeared, for few days and changing severely in what circumstances they are to be observed, have been passed, repealed and amended in the parliament in national level or Assembly in state level or Panchayat for district or regional level.

Therefore, in nearly all countries, the political, economic and legislative aspects of life are determined and guaranteed by written Constitutions, which was not available for a single country in this world a little over

200 years ago. Of course, constitutions can be changed, subverted, ignored, or misinterpreted but they remain the most powerful acknowledgement of the global awareness, that people have right as well as duties and that both can be guaranteed only by a prior agreement that becomes binding on all signatories to an equal degree.

Future view of people :

We are living in an age of instant communication, in what the Canadian writer Marshall McLuhan called as a "Global electronic village." In many ways, we are already a world society, in which news, fashions, ideas, hopes, fear, predictions as well as lies, spread like ripples in a pond, involving almost everyone, who is not mute, deaf or blind in a conspiracy of 'Village gossip'. We now able to know by sitting at home, within an instant of time, that, what people eat, wear and think in all corners of the globe through electronic world. We are able to know-how much the people earn, how long people are likely to live, how many people own their homes, how many hours of television one may watch etc. through mass-media services with a short time.

As the results of twentieth century's human activities, electronic world appeared and use to fold the modern age as a nightmare, that to be felt not only by the innocent people of rural oriented, but also by the people living in the urban jungles too. In spite of its many short-comings, as vastly superior to any previous age, or as a dream turned into a nightmare, with few indications that, this nightmare is not at the final delirium of a terminal illness.

Modern civilisation become a part of our delirium, because for Indian, such civilisation usually means to

western or American influence being imposed upon our native life styles. One of the form of nightmare called 'Advertising' is a dangerous activities. Because, demands are created by severe advertising tasks and then filled with not necessarily the best quality results for the people so involved. For which, National cultures and creed or caste or group or social identities are being lost for ever, of some minor human community.

Millions of people, technically designated as 'Consumers' now live their lives fully programmed, guided by a complex technocratic machinery of modern phase market oriented society, which is capable of turning over non-conformity into a mass-produced commodity. On the other hand, the people programing our lives, setting goals for us and helping us to achieve them, are known as 'Specialists'. The inhumanising nature of work associated in the industrialisation, are now-a-days replaced by the dehumanising nature of developmental operations by introducing specialised Robots, operated in turn by computer programmes, designed by human computer specialists. Today, most things on offer, and many of us that mass modern people cannot do without the 'Specialist professionals'. The professionals are the ones, who tell us what we need, who we are, what we should try to become and why we should follow the advice launched by the specialist professionals, who are never to be replaced by any robot. They are Lawyers, Doctors, Psychtherapists, Accountants, Architects, Designers, Engineers, Scientists, Managements, Consultants, Economists, Planners, Teachers, and many more. So, it is said that the modern age is the age for 'Specialists professional's age' only, other people are simply a 'Consumer.'

To achieve the goal of becoming a 'Specialist' in a particular field, quality education must be imparted

among the young people. All governments in this modern world, realise, that education is a powerful means of guaranteeing a wide spread conformity to its views, and base their education frameworks on religions, ideological or nationalistic considerations. Standardisation of national education does not mean for making the global village, it should be interpreted to mean for the ideological indoctrinations preserve and propagate national cultures and group of social identities.

The most important fact of modern view of present and future people would be to avoid the creation of 'Urban Jungle.'

Urban places are created by deforesting the natural covers, most of them are developed haphazardly over time, although there are some cities developed as per careful plan, but life in the latter does not seem to be better, easier, safer, or more desirable than in the former, indeed, in many cases, it may be worse cities, with few exceptions are increasingly suffering from the side of effects of their own success. There develops, inner-city decay, caused by the declines of many factors, such as traffic jams, industrial effluents, squalor and poverty derives from the poor people, who have come in search of work, that has failed to materialise ; bankruptcy for many large cities (Mega cities), located not only outside India but also within the India too.

Looking to such urban conspiracy, one who wants to live under the air of innocence ; then, he should avoid to create more urban places, because now-a-days, electricity, electronic world and communication network are making the places of urban and rural uniform, to live in a more better way and peacefully.

Population :

The size of population is one of the root cause of accepting modernisation, because, no law except self, can resist any one's desire to become a father or mother, hence, increase of population in the state, or country or world grow, in the pertinent care of medical sciences.

The rapid growth of world's population size is still not proportionate to the corresponding development interms of industrialisation or otherwise modernisation, for which, no system of economics or politics or socials, would able to attain a stable status or standard, more particularly, for the Third World classes of countries.

In 1500 A.D. there were just 50 crores (500 millions) people in the world, which is far fewer than now live in India alone. By 1700 A.D., this figure had risen to no more than 75.0 crores. Now in 1988 A.D., the population of the world exceeds 502.5 crores (More than 5 Billions), and if it remains in this trend, then it is expected to become double within 40 years, i.e. in 2028 A.D., it will become, 1005 crores, which will be a picture of Magot grownup in a small dead body. This is why it is said earlier that "we are almost bound to destroy our earth planet by just living normally."

Who will come to stop such increment to have a better atmosphere in future. Certainly, we the people of young generation, who are yet to become father and mother, we should be previous to cut such sorry figure of future population. No doctrines of any religions of humanity concern become a lynchpin ; if any people witnessed their lives at least one or two children, in the most, then the world will govern a stable position.

Table-1, deals with the world population, and Table-2, deals with the size of population of some important country with other factors to have a comparison ; as per the publication of 'The World

Almanac and Book of Facts 1988' ; copyright by Population Reference Bureau, Inc.; April 1988, courtesy - The Illustrated encyclopedia of Mankind, Marshall Cavandish, New York, 1989

Table - 1

World population sheet as per estimate of April 1988, with other data.

Region or Country	Population in Millions	Crude Birth rate	Crude death rate	Natural Increase (annual) in %	Population doubling time in year	Infant mortality rate	Total fertility rate
World	5,025	29	14	1.7	41	47	3.9
More developed countries	1,183	15	10	0.6	117	14	1.9
Less developed countries	3,842	32	10	2.2	32	65	4.5
Less developed countries (Excl. China)	2,778	36	10	2.6	27	69	5.2

Table - 2

Size of population of some important countries with other data.

Region or Country	Population in Millions	Crude Birth rate	Crude death rate	Natural Increase (annual) in %	Population doubling time in year	Infant mortality rate	Total fertility rate
AFRICA							
Egypt	51.9	40	11	2.9	24	94	6.0
Ghana	13.9	47	15	2.9	24	98	6.7
Nigeria	105.0	46	18	2.9	24	127	6.9
Ethiopia	46.7	49	22	3.7	19	168	6.7
Uganda	15.9	48	17	3.1	22	113	6.1
Equatorial Guinea	0.3	42	18	2.4	29	142	5.7
South Africa	34.3	33	10	2.3	30	45	5.1
ASIA							
Iraq	16.9	45	12	3.4	20	77	6.9
Israel	4.2	23	7	1.7	41	14	3.5

Region or Country	Population in Millions	Crude Birth rate	Crude death rate	Natural Increase (annual) in %	Population doubling time in year	Infant mortality rate	Total fertility rate
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ASIA

Jordan	2.7	45	9	3.6	19	51	7.2
Saudi Arabia	14.9	44	13	3.5	20	112	7.2
Afghanistan	14.1	49	27	2.1	33	205	6.9
Bangladesh	107.1	45	18	2.7	26	135	6.2
Bhutan	1.4	38	17	2.1	33	149	6.1
India	800.3	33	12	2.1	33	116	5.0
Iran	50.4	43	12	3.1	23	110	6.4
Maldives	0.2	45	14	3.0	23	88	-
Nepal	17.8	42	17	2.4	28	149	6.5
Pakistan	104.6	43	15	2.8	25	119	6.3
Sri Lanka	16.4	27	6	2.1	33	28	3.6
(Burma) Myanmar	38.8	38	13	2.4	28	96	5.3
Indonesia	180.4	31	13	2.0	41	92	4.4
Singapore	2.6	16	5	1.1	64	9	1.8
Thailand	53.6	25	8	1.8	39	51	3.9
Vietnam	63.5	34	9	2.5	28	59	5.2
China	1,064.1	16	8	0.9	82	50	2.8
Japan	122.1	12	6	0.6	108	6	1.8
Mongolia	2.0	35	10	2.6	27	46	5.2

NORTH AMERICA

Canada	25.8	15	7	0.8	85	9	1.8
United States	243.0	16	9	0.7	95	10.5	1.8

CARIBBEAN

Cuba	10.3	18	6	1.2	58	18	1.8
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SOUTH AMERICA

Brazil	147.0	31	8	2.3	30	63	4.4
Peru	20.7	36	10	2.5	27	81	5.0
Argentina	31.1	24	9	1.5	46	34	2.8

EUROPE

Iceland	0.2	18	7	1.1	6.4	6	2.5
United Kingdom	56.8	13	12	0.1	700	10	1.9
France	55.6	14	10	0.4	158	9	2.0
Germany (west)	61.0	10	12	(-) 0.2	-	10	1.4
Belgium	9.9	12	12	0.0	-	10	1.7
Germany (East)	16.6	14	13	0.0	-	10	1.9
Spain	39.0	11	8	0.3	231	9	2.0
Australia	16.0	16	7	0.9	82	10	1.9