

## 01. ROTARY TYPE BEHAVIOR OF DYNAMIC SYSTEMS

This is an experimental monograph written in the aim of locating the point, where the **Global Human Civilization** is passing about at present.

This is more likely to be a message rather than a completed research based technical paper, due to hurry for delivering it and in brief, "**A big change is about to happen upon the Globe**".

It is not easy to explain this **change** because certain parameters of a phenomenon in nature can be sensed but cannot be measured by any manmade tool.

In the point of view of an outside observer or an alien, isn't that wonderful to observe the sky rocketing progress of **human culture**, being achieved just within few recent centuries, in comparison with the millions of years **evolutionary march** of a steady slow progress?

If the question is reasonable to arise, then we have to measure this rocketing progress somehow and what's the **indicator** to be used? Progress cannot be measured by the things like remaining of buildings, tools or equipments used by human beings, but the **Competency Level** achieved by man in a certain age, which comprises *Knowledge, Skills* and *Attitudes* must be a good basis.

To be frank, I couldn't just imagine **how, when** and **where** this type of rocketing profiles of a progress could really **end up** and it was the exact cause which made me pensive through years upon this research.

### 1.1 WHAT IS A ROTARY SYSTEM?

*When sequence of events of any dynamic system is repeated it is identified as a rotary system. Duration to complete a cycle or time between any two sequences should not necessarily be the same.*

We human beings, who got used to **linear thinking**, always need things to have a **clear beginning and a clear end** or otherwise we tend to reject them as things not very well explained. But can we really see a **start or an end of a cycle**?

## 1.2 UNIVERSE THE BIGGEST DYNAMIC ROTARY SYSTEM

Space is a dynamic rotary system and all the components by which the universe is consisted of, also exhibit the same rotary type of a behavior as a whole, and lots of examples are there to be observed in nature;

- i. **Water cycle** which circulates water repeatedly between land, waters and atmosphere to make a pleasant living ecosystem
- ii. **Carbon cycle** does the same thing by circulating carbon between land biomass and atmosphere
- iii. **Nitrogen** too is circulated as a **cycle** between land biomass atmosphere and waters
- iv. It is not wise of me to set such a big thing, the **Universe**, as an example to support my poor logic but briefly to be a remark:  
*“the **Dark Matter** is expanded to form a **Galaxy** and contracted back ultimately in to the same dark matter, exhibiting the circulation of **Space Matter** in a cyclic process in existence along the **4<sup>th</sup> Dimension**”*
- v. Then the second biggest thing, the **Solar System**, if I am permitted to set as an example:  
*“1).Birth of a big cloud of **hydrogen** by expansion of **dark matter** , 2). Gathering of matter by **gravity** and formation of **Sun**,3).**Solar Big Bang** with beginning of **nuclear fusion** in the center and spinning of Sun for being polarized, 4). formation of **planets** by gravity gathering of strewn matter at the bang and **orbiting of planets** round Sun due to **Gravity Deviation of spinning Sun** (pl refer Space Dynamics-V2 for theory of Gravity Deviation), 5).Running down of mass of Sun and growth of mass in **productive planets** (pl refer Earth Mechanism/Space Dynamics-V3 for productivity of a planet), 4). Drop of spinning speed of Sun and due gravity attraction of planets in to the body of Sun (known as becoming a **Red Giant**), 5). **Contraction** of entire solar system to become a **White Dwarf** and so further in to **dark matter** again, 6). Birth of a hydrogen cloud again to create the entire system again.*

*This rotary type dynamic behavior of a Solar System could be continued till the contraction of the whole Galaxy.”*

## 02. GLOBAL HUMAN CIVILIZATION

Not only the physical world but also the living ecosystems exhibit the same cyclic type of a behavior in nature. Colonies of plant and animal species have been rising and falling from time to time under change of physical environmental conditions.

The **falling** could take place sometimes due to **external reasons** and sometimes due to **internal reasons** as well. And perhaps a falling could take place due to both external and internal reasons.

It is a big mistake if somebody thinks that the steady march of the global human civilization will continue forever. **God** only knows when it is really started, how many **rises and falls** so far and when it comes to happen again. The famous Noah's ship could perhaps be the real story of survivors from the last **fallen human civilization** of the globe.

However it is of worth to identify what are the possible external and internal reasons which lead human civilization towards a fall.

### 2.1 EXTERNAL REASONS

#### i. Collide Against a Big Asteroid?

Hitting upon the Earth by an asteroid or any alien body is the peril that the scientific world has focused because it is believed that the Jurassic period was ended by a similar happening which could have occurred some hundred million years ago.

But the possibility for any alien body to hit upon a spinning planet is much less because **Gravity Deviation** due to rotation of the **Gravity Source** induces a **Lateral Force** upon any secondary mass within the gravitational field, to move it roundabout in the same spinning direction of the source. (pl refer Space Dynamics-V2 for the **Theory of Gravity Deviation**).

#### ii. Attack from Aliens?

There are some people naturally in any society who develop their own conceptual models in mind to forecast future and film industry makes booming profits out of their fictions. However the message of fore thinking

behind the screen should not be under rated because it too could develop some **preparedness** in a society against the kind of dangers.

iii. **Attack Afoot?**

The other external danger most likely to materialize is the ‘**Geomagnetic Reversal**’ which could bring lots of weather and climatic changes of disastrous level. Though a meager attention is paid by the scientists as yet, it is not a science fiction or a joke but geologists have revealed the history with many evidences of occurrences.

There is a clear mechanism behind the phenomenon and a magnetic reversal is the due result of the periodic reversal of the **geo-spherical vortex of charged particles**. The reversal could be caused by any disturbance to the continuous flux of charged particles from Sun (solar wind) or otherwise, due to some improved disability of our atmosphere to absorb them.

However a pole shift doesn’t change the spinning direction of the globe and the changes after the magnetic reversal under the ‘**Reformation Globe**’ may be continued perhaps through some hundred thousands of years or more till the next reversal to restore the ‘**Eco Globe**’ again. Earth has undergone many of such things in the past according to magnetic patterns found in volcanic rocks. This provides another good example to prove ‘**Rotary Type Behavior of Dynamic Systems**’ in the nature.

*However possible adverse effects upon the global ecosystem at a reversal should not be taken so simply by scientists because things may go from bad to worse if it comes for a **sudden expansion** in the core.*

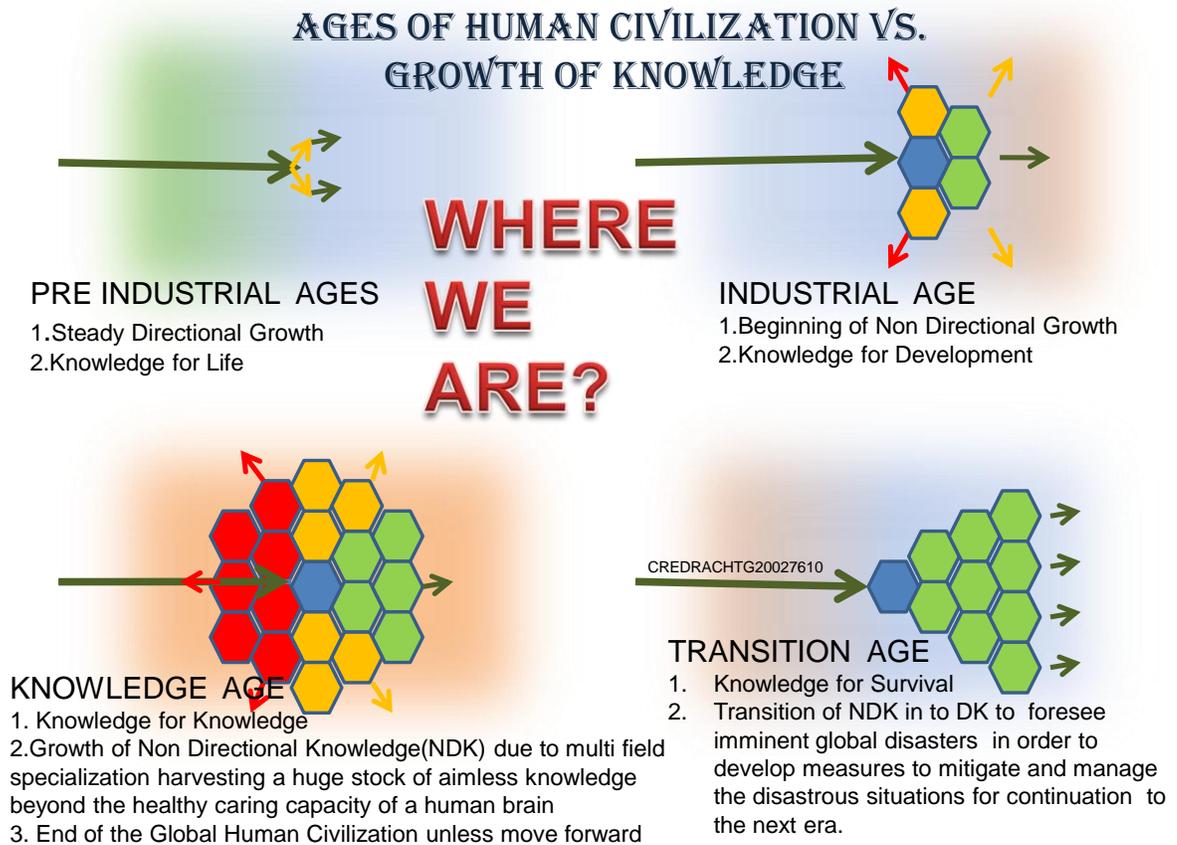
*Perhaps even new moons can be born at such a big planetary bang and **Mars** has set itself a good example to prove how even **productivity** of a planet could be permanently held up at a magnetic reversal. (pl refer Earth Mechanism /Space Dynamics-V3 )*

## 2.2 INTERNAL REASONS

i. **Growth of Non Directional Knowledge**

This can be identified as ‘**NDK bomb**’ or in other words the massive growth of **knowledge** without having a clear **direction** to move. NDK is the due outcome of **Multi Field Specialization** and it prevents mankind from

foreseeing of forthcoming dangers because a **wholesome view** or some kind of a **conclusion** upon any matter could not be possible today. However as the ultimate result, the frontal mobility of the great human civilization seems paralyzed as shown in the figure-1



**FIGURE-1**

Obviously in the ages before the industrial age, **Knowledge** has had a clear inclination towards **Life**. Also there born **philosophers** and **universalists** by whom new angles were shown to direct mankind for **betterment of Life** and **destinations**. There was only one subject called ‘**Natural Philosophy**’ by the time of **Aristotle**.

It was the **Industrial Age** at which Knowledge starts to be branched in different inclinations by name of **Development**. Today we live in a world where **knowledge dominates** and it is branched in thousands and one different field expertise as if to say, this is the **Age of Knowledge**.

**Specialists** are busily engaged in **experiments** and harvest new knowledge all the time but the turnover is moreover **Non Directional** and **aimless**.

That is because, the prime objective of one subject could perhaps be directly opposite to another and as a result, knowledge is only **expanding violently** like a bomb but **not moving in any direction**.

No adequate linkage provided, between separated knowledge departments and sometimes one specialist doesn't know, what is going on in the adjacent branch. Language of a particular field branch with a completely different set of technical terms and meanings could not be followed by any other.

**Knowledge** is naturally **protected** by **Knowledgeables** from new **challenges** and any new idea from a outsider is rejected without even testing. Specialists seems to have kept the **Deducting Power in Human Brain** aside and peeping in to **computers** trying **Modeling the Universe** to deduce our **future** through simulation.

No more **Philosophers** to be born and no more **Religions** to come because there is hardly any room in hearts for **God** or intrinsic values. It could be observed that, **Scientists** have become **tools of the tools** that they have made and **slaves of the stock of knowledge**.

**Multi Field Specialization** without setting of a **mission** under a **global vision** has obviously made this damage and the steady march of the **great human civilization** has obviously come to a **stagnant stop**.

As a matter of fact, a **wholesome directive** by any **government or any global organization** could not be possible today because thousand and one specialists have to be consulted upon that. Coming in to a conclusion with **two specialists** is always difficult, as you agree, and how could it be with more?

ii. **Are we still the best suited?**

***Survival of the Fittest [EVOLUTION]:***

***Individuals that are best suited for a set of environmental conditions will survive and produce offspring more successfully than their ill suited competitors -Darwin***

*An outside thinker or an **Alien** only can observe this trend that **Knowledge** is accumulating in heavy stocks to go beyond the **Caring Capacity** of a healthy human brain.*

Nobody knows what knowledge is necessary or what is not and **our loving kid**, who has already **sacrificed** his **joyful childhood** upon hell of lot of studies, is the due **victim** of this **Unfiltered Himalayan Heap of Knowledge**.

I wonder why **Environmentalists** don't declare it as '**Mental Pollution**' because, are we not **compromising the right** of our kids, the future generation, to have a joyful childhood with full of their own creative independent thoughts?

The **competition** is much high and children are run in the race to win the brainy game of gaining **Knowledge**. It is nothing else but **Natural Selection** how younger generations become more and more brilliant than us in gaining knowledge but how about their **physical and mental suitability** to win the game of **LIFE**?

**Evolution** proves that man has won the title for the **fittest** among all the species on Earth in the open race continued through millions of years. But he is not genetically fit enough today, to hold the **Big Title** unless lots of **chemicals** are regularly consumed by the name of **Medicine**.

**Medicines** are born but always **after the decease** and perhaps it takes years to follow an unknown virus or a pathogen. That **detecting time phase of lagging** is more than enough for a strong pathogen to wipe out the entire **great human civilization** from the globe and the attack is only a matter of time.

Man of 21<sup>st</sup> century is capable enough of even **diverting away an asteroid** if it directly comes to hit upon the planet. But this time the attack has come upon him not from out space as he always expected but from **inside of his body** without leaving a least notice of the danger until he is **checkmated** in the red zone.

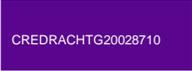
### 03. LOCATION OF THE END

Rotary type behavior of dynamic systems to be observed everywhere in nature, can be taken as the basis in locating the fall of the global human civilization too.

***End doesn't mean a Stop at all, but only the 1<sup>st</sup> Step towards the next Beginning.***

Light is the highest dynamic system of energy in nature and there are **seven basic phases** of it which could be easily identified by color. Wave length of light is increasing from the bottom to top such as K violet(4047A°) to K red(7668 A°) and the spectrum in a rainbow shows how another seven color set starts from the end of one set.

SEVEN STAGES IN ROTARY PHASE TRANSFORMATION OF DIFFERENT SPACE DYNAMIC SYSTEMS

COLOR	MATTER	SOUND	AGE	PHASE
	Light (Energy Matter)	♪ -B-Ni	Transition Age	7
	Space (Medium Matter)	♪ -A-Dha	Knowledge Age	6
	Galaxies	♪ -G-Pa	Industrial Age	5
	Solar Systems	♪ -F-Ma	Philosophy Age	4
	Planets	♪ -E-Ga	Irrigation Age	3
	Atomic Matter	♪ -D-Re	Husbandry Age	2
 <small>CREDRACHTG20028710</small>	Dark Matter	♪ -C-Sa	Stone Age	1

SPACE DYNAMICS

FIGURE-2

Sound is another dynamic sequence of energy in nature and it too exhibits a spectrum of **seven basic phases** which could be clearly identified by notes. When one set ended, another similar set begins just from the last note. European notation where ‘A’ and ‘B’ occupy in 6<sup>th</sup> and 7<sup>th</sup> phases, is a comprehensive indication for the rotary behavior of the system that one has to fall down to see the next note ‘C’.

Human Civilization of the Glob also exhibits a similar progressive sequence not only in the evolutionary change of **skeleton** but also in the achieved **degree of human competencies**.

**Time** taken to pass a **phase or an age** should not necessarily be the same but always there is some indication of a **progress** or exhibition of a **growth** of any organ related to

the dynamic system. If you could identify the achievements of human beings in order to give some marks upon ages it should be a fine exercise as shown in the figure-3.

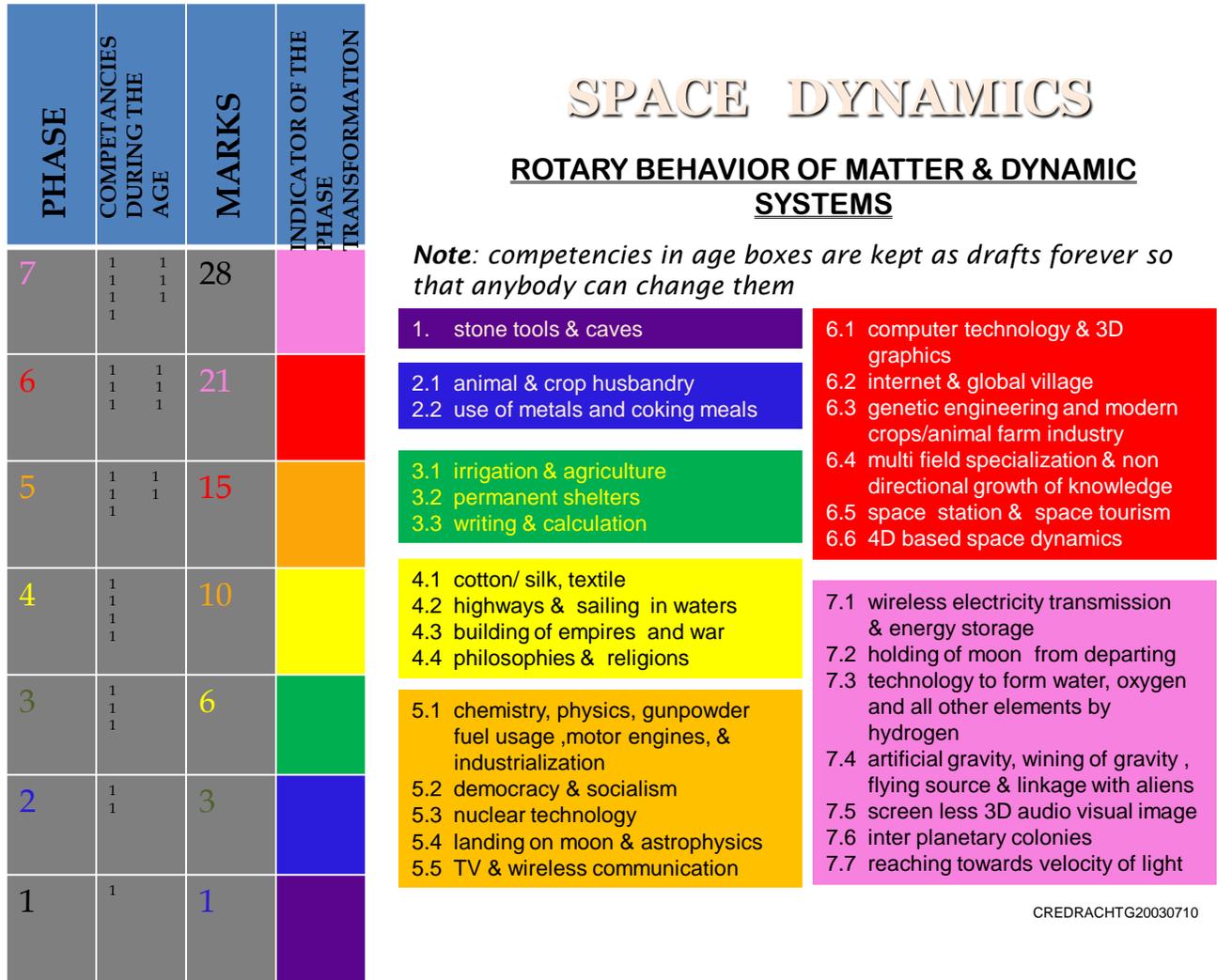


FIGURE-3

If **Competency Level** of Ages are identified and plotted them in a graph against **years**, a high gradient of a rise could be observed (pl see the **Competency Phase Graph (CPG)** in the figure-4).

The graph exhibits, roughly but confidently enough, the location **where we are** by about the 21<sup>st</sup> century. Also the **falling of global human civilization** can be traced by a simple trend analysis.

However in consideration of other rotary systems in nature, it is **not essential** to complete the sequence of **seven phases** always for a reversal. Under influence of different set of conditions external or internal, a rotary sequence can be reversed perhaps without even entering the due final phases.

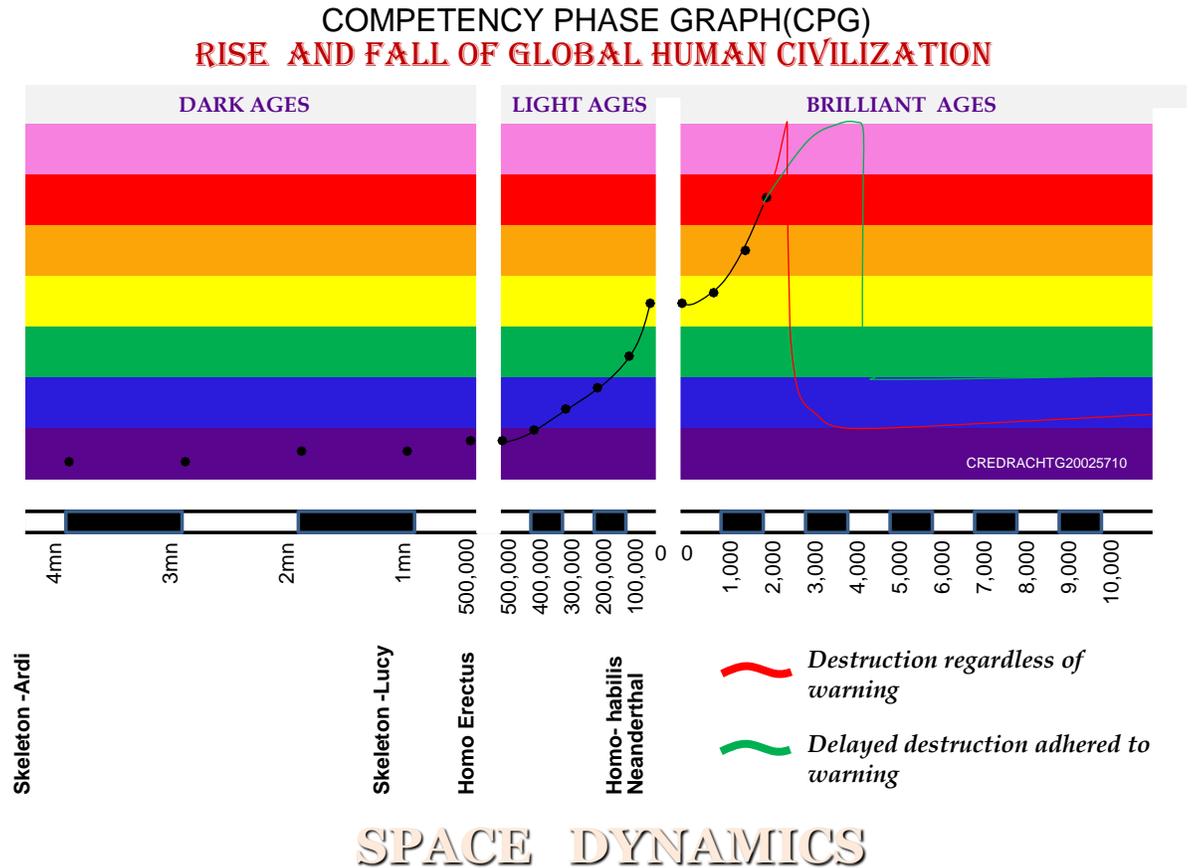


FIGURE-4

According to magnetic patterns observed in volcanic rocks, Geologists have found that many geomagnetic reversals had taken place up to now since the period of recorded beginning of the human race.

*It can also be observed in the **Competency Phase Graph (CPG)** that, the historical march of human civilization, continued through millions of years almost at the same bottommost **competency level** with no apparent progress. It can be perhaps due to many **rises and falls** in consequence of many geomagnetic reversals, which could have left no adequate time for man to go for a significant rise. But as it seems this time somehow we are allowed to touch the final phase due to some **fortunate delay** of the **next geomagnetic reversal**.*

#### 04. DISCUSSION

1. CPG could be a poor presentation of results of an **unwanted experiment** probably to the **new scientists** of the era and I agree it is far below the **level of acceptance** by any knowledge department in the world. But scientists have to know that there are some **parameters** in nature which cannot be measured by brainless **manmade tools**.
2. But as I believe, some of aged and middle aged open minded people among us will probably agree on a certain fact that we have spent our lives in **two different ages** to experience a vast difference between **now and then**. It's my own feeling that by the time of my child hood things changed more **slowly, calmly and pleasantly**.

A difference means, perhaps a **change** which cannot be measured but something we can feel. It can be a change in **life style** or **achievements** as **human competencies**.

But to our surprise, there is no remarkable progress in gaining competencies in dark ages, as shown by the history, for some millions of years perhaps. Then it made me inclined to think that it is not **Time** to define an Age (**phase**) of the sequence, but amount of **human competencies** could be achieved.

Naming of an Age is not so important and anybody can name it by highlighting a remarkable achievement or a feature of the phase.

3. Sometimes I am afraid to think **what is next?** and **where to stop?**, while things seem to move progressing at such a rocketing speed. Have you ever observed a graph of any natural parameter with an accelerating gradient of rising unless there comes a **sudden fall** at the end?
4. CPG shows a clear turn, in the so far continued steady march of global human civilization, by the beginning of **Industrial Age** for a rise.

*Don't you feel that, man has passed the **fertile valley of pleasant life** in his hasty march towards **Betterment of Life Style**?*



## 2. How to move forward to face the danger

Improve linkage between specialists in separated knowledge departments and form strategies to achieve only the **essential** new competencies as shown in the **final age box** upon a **united mission** for:

### I. Building of Space Stations:

Baby Moon like spherical shell storages of sterilized dry food, water and oxygen have to be designed to orbit in the same spinning direction of Earth. The stay out could not be long and probably it must be for a very few month's time till the worst of it on the Globe is over.

### II. Rebuilding of the Noah:

Most probably it must be the real story of how some human beings remained to continue the civilization from the last fall, and this time, the ship has to be a more modernized one of egg shape with submarine facility too.

## 3. How to go back to face the danger?

- I. Filter and cut off the unnecessary stock of Non Directional Knowledge from syllabuses of schools and higher educational institutions.
- II. Cut off the '**Jump over the fence**' type of exams and allocate more time for competitive sport activities, practical exercises, expeditions, and study explorations in the relevant natural environments as far as possible.
- III. Majority of the world's population is still living without access for **quality drinking water, food or shelters**. So why **exams** to promote professional in institutions and why not their **involvements** upon **uplifting living standards** for the **poor**, are based for promotions?
- IV. Low level islanders must be supported to build up at least a single '**High Level Rescue City**' per each island as a public **Reservation**.
- V. People living near **volcano and tectonic plate marginal countries** must be removed in time or otherwise supported to develop **Special Rescue Projects**.
- VI. People in developed countries must practice hardship of life by participating for short term '**Hardship Training Camps (HTC)**' in developing or under

developed countries by sharing things with natives and following their life style to study how hardship is so simply beard by them.

- VII. **Diversity** has to be recognized and preserved as an **essential global component** for survival and no attempts should be made by name of **Globalization** to change their **Simple Life Style or Mindset** because it could be the **Correct Life Style** that we also have to follow tomorrow.
- VIII. Don't try to drop down their genetically inherited body cell strength by un necessary supply of sophisticated facilities, food or chemicals as medicine unless it is essential because they must produce their offspring to be **the fittest** in rebuilding of the **Next Human Civilization** on the **Globe** from grass root level.

END

*by*

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