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**

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Optimism of Probability

Do kindly believe me; it is not an expression of immodesty and self-aggrandizement but an affirmation of simple, innocent and unputdownable hypothesis that this eBook, now in your hands, is ‘**A One In A Million**’ probability. Only one in a million may finally read this eBook to its last page and shall internalize its true *Intentionality*. It is huge satisfaction that at least, one thing is undeniably **Immortal** in this ephemeral world and that is – **Optimism**. This immortality aligns my stupid consciousness with very reasonable probability that ‘You’ are this *One In A Million* person. *You* are the causality of the immortality of optimism, which energizes the birth of thousands of words, about to follow. Otherwise; no probability ever has the utility-worth to be a Reality. Thanks!

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At The Very Beginning...

What is the exact need to speak? May be; this is not the appropriate question. It seems; the more precise and grassroots inquisition is – What is the core energy behind this seemingly innately powerful instinct to **Express**? The language; the speech part of communicational spectrum comes later. Expression is *seed-situation*; it precedes learning. It is universal to living world itself. Vocalization among animals and speech among humans add up as tools for expressions.

In scientific expression of Reality, every living being is a *Media* and it is essentially a processing mechanism of *Information*. Everything in this cosmos is information and the Media of human body-brain is also processing information to perceive *Reality* in all its multidimensionality. This Media therefore, very innately expresses itself and this expression, in its totality, entirety and holism is known as Intentionality. Language in itself is just a designed media of expression of intentionality. Expression is also a multidimensional reality; happening beyond languages.

It seems a reasonably safe hypothesis to state that expression has two broad dimensions. The very situation of these dimensions somehow changes the popular meaning of Expression, as it is usually accepted. First aspect of expression is associated with *Intentionality*. Science tells us that Intentionality happens even at cellular level and it is expressed chemically for internal consumption only. It means, even a single cell living organism has intention to do or not to do something and it expresses this intention for action or non-action through chemical processes. This intentionality

process is very much there in all living organisms, including humans. This expression doesn't need language and speech. It is neuro-chemical.

Second dimension of expression also seems to be the extension of the first dimension of expression. However, its domain of activism is not within the organism but outside in the physical milieu. This aspect of expression has to journey outside the body of living organisms and therefore, requires a vehicle of vocalization, which finally evolves into a speech pattern. The external expressions are however not restricted to vocalization-speech. Many living organisms use different body signals and movements to express and communicate. Science has deciphered how a bee communicates through flipping of its wings. Science has also unraveled how this 'flipping' communicates information in proteins and in almost all sub-particles.

As first dimension of expression inside body is about the innate and universal intentionality of survival of the organism; the second dimension outside body actually extends this intentionality into the wider, diverse and complex domain of external physical milieu, where an organism lives out and survives in competitiveness with other organisms. It is pertinent to realize that both dimensions of expressions are energized by stimulus, or what we may call Information, from external milieu. The first optimizes organism's readiness as a biological being and second does the same as social being. Both aim optimization of the primary and universal Intentionality of survival wellness.

If this hypothesis is accepted as true; we can define expression as part of the transcendental need of survival and therefore; speaking and linguistic communication is also essentially an artistry to optimize this intentionality

of survival wellness. In crude and simplified term; we all need to speak because we have to ensure our survival.

This very hypothesis is a revolting idea to accept. How stupid to say and admit that every day, zillions of words are spoken, billions of words are written as 7.5 billion humans carry their life-living in this huge world, just to survive? Beautiful poetry are written, marvelous books are composed, millions say 'I love you' to others and great visions of humanity are shared through speeches, are all nothing but survival optionlessness?

Yes! This is the marvel and magical mysticism of life-living, as it juxtaposes itself in front of the colossal cosmos of Reality. The reality is humungous; the life or self of a personhood is massively complex and the interactional spectrum between Self and Reality is hugely expansive. This means, every reality is multidimensional and it is manifested in different perceptual shapes and sensibility. It is only very natural that they all breed loads of confusion, conflict and chaos in perceptual fields of humanity. Larger the system; more is its propensity for entropy.

It may seem a rather outlandish hypothesis to relate expressional universe with a rather animalistic and basal reality of survival. However, when we see and accept that as the core reality of expression has, over millions of years, evolved its multidimensionality in human world; so has the idea and perceptions of survival. It is mesmerizing, how the very entrenched, organismic and singularly cellular Intentionality of survival has evolved over billions of years to spread its expressions into almost every speck of reality. It is tough and requires a non-intuitive and non-reactionary perceptual state of a person's consciousness to decipher, how saying 'I Love You' is very much an expression of the singular, cardinal and

universal Intentionality of Survival. This dualism and conflation of realities at micro and macro levels is not easy to be understood.

If we try to understand the feel and perception of this dualism and difference in perceptions about realities in different dimensions; we have a very interesting and universal example of our food culture. Nobody has the exact idea but it is assumed that globally, people eat billions of varieties of food, organized as what we know as recipes. They are all combinations of proteins, carbohydrate, fat and minerals but different people have segregated recipe choices to eat them as their favorite food. Ask them and majority of people would say; they eat their food as they enjoy eating. Nobody tells you that they eat so that every single cell out of the 30 trillion cells; their body-brain is made of; gets the nutrition to survive. Interestingly, the food we eat, in whatever form of a recipe, out of the billions available globally; is meant for survival and cellular consumption, but they are not taken the way they are cooked by our cells, which essentially use all the food energy to *survive*. The food we eat is broken down into smaller molecules by gut bacteria and enzymes and they finally are used as ATP at cellular level. This ATP is the true and real food for survival. However, it is marvelous to see and wonder how billions of different expressions this food takes in different cultures. Probably, nobody ever thinks of this cellular reality, when he or she is having his or her food. This is what we called *the marvel and magical mysticism of life-living, as it juxtaposes itself in front of the colossal cosmos of Reality*.

You may wonder; may be, it is true but why we are talking about all these? I wish to say it with all humility and sincerity at my behest that I am talking about how since almost 3000 years, humanity understood this dualism and confusion about how reality is perceived in human mind consciousness but still, mass majority of people do not ever take conscious cognizance of

this situation in their life-living. They do not take into account how realities are expressed in myriads of ways and the collective failure of humanity to understand and accept them breed unimaginably huge and calamitous pathologies in human societies and personal life-living. This hypothesis needs to be expanded and understood in totality, entirety and holism. We talk about them in this eBook as and when it is occasioned.

We discussed this all primarily to understand and accept a hypothesis that Reality is multidimensional and it manifests at different levels and domains. One reality has many manifestations. For an average human being, his or her innate perceptual capabilities may be good enough to see, visualize and understand one dimension or manifestation of a reality. Still, some other dimensions and manifestations remain unobserved and unknown as they are beyond intuitive perception. This somehow broadly distinguishes the role and purpose of Intellect and Intelligence. In broad understanding, Intelligence is the mental and perceptual ability to understand and internalize what is available to every human being as part of the innate and intuitive learning. Intellect however is the non-intuitive mental-perceptual capabilities and eligibilities to decipher other dimensions of reality, which cannot be directly or intuitively observed and known. This has to be kept in mind as we proceed with this eBook. Thanks.

**

PREFACE

There is a very critical hypothesis about human life-living, which we need to be aware of. It helps a lot in understanding reality and paves ways for personal as well as societal wellness. There are two very powerful

dimensions and their massively complex processes, which affect almost everything we as living being perceive and accept as. However, these two dimensions are hidden, not consciously registered and their processes are also not felt and realized by average mind consciousness of people. First is the Homeostatic system within our body-brain and second is Culture in the external physical milieus. Both affect, shape up and evolve most realities for human life-living but they are invisible, unrealizable and implicit. The hypothesis is that this very situation is probably the worst trouble for humanity and tragically enough; humanity has never ever assigned due importance to them and their knowledge in mass majority of people. This unleashes uncontrolled pathologies and entropic eventualities in human world.

Very early; may be over 10,000 years back, our ancestors had this intuitive feel that two processes are very critical for life-living and its survival wellness. They, therefore, made personal as well as collective efforts to systematize those patterns, which optimized the successes of these two processes. They realized – first, there were silent and invisible processes going on within the body and they affected a person's behavior and actions. Secondly, there were interactional processes, which happened between a person's inner processes and those in the external milieus. Very naturally; thousands of years back, when even cultures and civilizations were not yet formed and humans had just started to begin a settled life in small tribes; the humanity understood that intellect was a constant and ever-evolving enterprise of unraveling and then patterning these two process in optimum details. Primary intellect dedicated itself to the knowledge of processes, within body and outside body in physical milieus. Ancient Indian philosophical expressions, dated almost 3000 years back and later documented, have talked about this all.

Till date, intellect is defined and understood in the same spirit. However, this intellect is now confined to a handful of people; mostly in the domain of pure science. The mass majority of humanity seems to have no business with this intellect as intellect is now more popularly accepted as Intelligence. This intelligence is more aligned to the knowledge of not the processes of discovering body-milieu realities but to those processes, which maximize moneys, wealth, consumption, power, fame and fun. The intellect also seems to be more aligned to this powerful modern human world intelligence of wealth-power optimization.

Does this signify that humanity has accepted that intellect is no more required as modern humans now know everything about all processes of body-brain as well as external milieus? The answer is a big no. In fact, we are just beginning to understand reality in a better light as modern knowledge of humanity has paved ways for understanding the right approach and tools for deciphering the ultimate realities. However, it also needs to be mentioned that many believe; there is a limit to understanding all realities, especially that of the external milieus as they are too colossal in scale and magnitude for human brain to decipher. The fact remains; humanity has understood too little and the journey ahead is tough. Still, there seems a general aversion towards the cardinal role of intellect in deciphering Reality, in contemporary human civilization and culture.

Somehow, if global processes of all human intentionality are clubbed into one singular theme; two processes are very explicitly manifested. The first dominant process includes politics and commerce, where a minuscule minority is obsessively engaged in aggrandizing their personal successes and pursuit of continuation of power at whatever cost. Majority of these very wealthy and powerful people are instinctively averse to follow any law, rule or morality in their enterprises. It is only a euphemism to say they are

the ones who are criminalizing the human societies and cultures as they are very much like the pathogens, which multiplies with least concern to lives of its carriers.

The second big processes are that of a sizeable population of upper and middle class people, who are knee-deep into all those enterprises, which fit them into the current disposition of profit empires. They in fact extend support to the processes of greed and hunger of the politician-corporate class to maximize profits, wealth and power. The second processes also essentially seek money, wealth, power and continuity of consumption comfort at a micro level; fitting in into the macro-level greed structures of the first processes.

The rest of weak, impoverished and underprivileged majority of humans have no choice but to be pawns at the hands of the above two processes. Interestingly; both dominant processes of contemporary human world are truly and innately allergic to intellect. They rather openly profess their hate against intellect and leave no chance to malign and kill the intellect and intellectuals. There are clear reasons for this antagonism for intellect.

This is the hypothesis about the current state of humanity and cultures we live in. This presents the background, which engenders the probability, which we are analyzing in this eBook. The failure of intellect is one part of the probability of contemporary human reality. The second part is the successful criminalization of human societies-culture-polity-economy and the third part is the corollary of the two realities, ensuring doom and destruction of the fabric of sanity and system in modern human world. We test the validity of these probabilities one by one.

**

CHAPTER 1

Failure of Intellect

From our deliberations above, we can derive two important hypotheses about what we may call the **Idea of Intellect**. Like most of the ideas humanity has evolved and understood, this reality of Intellect is also shrouded in conflation and conundrum of ambiguity and dualism. Intellect and intelligence are interchangeably used to refer to human capacity to understand. Before we proceed, it is important that we understand this confusion and also do away with it.

There are two dimensions of understanding or what we may alternatively call knowing or knowledge. One aspect of knowledge is to understand what human endeavors have already understood and is there for anyone to know and use it effectively for his or her wellness. Somehow, intelligence is considered as the mental ability of a person to grasp and utilize the knowledge that is there for every person, in the form of already expressed pool of academic inventory. This knowledge is part of intuitive learning.

Second aspect of knowledge is to understand what has not yet been understood and is still un-deciphered by collective humanity. This also requires the idea of intelligence in the same meaning. There has to be a required level of mental ability to venture into both types of knowledge. This intelligence is part of the agenda of humanly designed academic routines to ensure that every young person evolves with this benchmark of

intelligence to journey the roads of both types of knowledge. At this stage, we leave intelligence alone and begin the journey of pure Intellect.

As we mentioned at the start of this chapter, there are two broad hypotheses about the idea and reality of Intellect. From our above deliberation, we can now list them. The first hypothesis about intellect is that there are two types of intellect – one is primary-indispensable and another is optional. It is primary and indispensable for every human being to have the detailed knowledge of Self – one's own body and brain and its structural-functional spectrum in all aspects of interactions with external milieus of society-cultures. It is also part of this primary intellect to accept that knowledge is ever-evolving and therefore learning is a life-long process, requiring constant updating of the knowledge inventory of a person. The academic structures therefore are required to design such ways to evolve the critical level of intelligence in all growing human child. The optional intellect however is to have interest and inclination in venturing into those areas of knowledge, where humanity has still to decipher lot many things. The academic structures however must also inculcate readiness in every human child so that any young man or woman could avail this option.

The second hypotheses about intellect is that it must always devise and design such structures and functions, which could not only check the innate propensities of intelligence to become depraved and criminalized, but also restore back the sanity and system, if ever depravity-criminality grows out of proportion. The intellect must know all processes of humans as well as the milieus; ensure its optimal and universal knowledge to all humans and also know and manage the entropies of the processes, which bring about depravity and criminality in human systems. These two hypotheses emanate out of the fact that collective Intellect of humanity is expected to be in optimal knowledge of all dimensionality of reality – manifest or hidden;

and therefore in a position to perform its rightful role, duty and purpose of leading humanity towards its best life-living. In the light of these hypotheses, we need to analyze this probability, whether intellect has failed in performing its avowed role or not.

As we deliberated at the very start about the grassroots genesis and nature of speaking, to understand its true role and purpose; we also need to do the same with the idea of Intellect. Cultural insinuations and populist interpretations almost always add abstractions and mysticism to an idea and this result in the vitiation and depravity of its roles and purposes. To avoid that and have clarity over the idea and ideology of Intellect, we first attempt to unravel its genesis and true nature.

Essentially, it is safe hypothesis to accept that Intellect is exclusively human evolution of intelligence, which an exclusively higher and more complex human brain engenders. Intelligence is organismic and very much universal in all multi-cellular living beings with basic functions of neural processing of information. Human brain is a marvel of billions of years of evolution, since 3.5 billion years, when first single cell living organism happened, with basic intelligence of intentionality.

This uniqueness of human brain required the organismic intelligence of intentionality to evolve to a higher and more specific functionality. This dialectically evolved and more species-specific intelligence is Intellect. Intelligence is *generic* availability; Intellect is *specific* accrual. This in turn suggests, every normal-healthy human child is born with this generic intelligence potential. However, as Intellect is evolved with maturity of human brain, it is specific to a person's personal enterprise to make its accretion a possibility. Therefore, it is safe hypothesis to say, a person with

Intelligence is only animalistic; until it has the endowment of human element of *Intellect*.

From this hypothesis, it is a natural progression that we understand this uniqueness of human brain, to decipher what truly are the nature, role and purpose of Intellect, in its personal as well as collective dimensions and manifestations. It is a huge exercise, but we shall do it as briefly as possible just to arrive at this *uniqueness*. This uniqueness of human brain can be explained in many ways. This uniqueness has many dimensions. However, here, we shall talk about the broad aspects of this uniqueness, especially in terms of its influence on understanding the idea of Intellect.

Human brain has a very unique relationship with what it creates. Brain is the only human organ, which creates something, which is hugely mystical and marvelously multidimensional. This creation is popularly summarized as *Behavior*, which we can say is the external expression of Intentionality. This idea of behavior is also very complex and subject to conflation, dualism and conundrum. Like speaking, as we deliberated at the very start; behavior is also understood by majority of humanity, through its functional and intangible manifestations in the external landscape of society-culture. Intrinsically however, behavior has deeper and embedded structural and tangible basis, which is always ignored. The difference is very much like recipes, which people perceive as food and ATP, which cells actually use as final energy.

Human brain creates behavior and this behavior, stands in constant and complex interactions with external milieus of society-culture-polity-economy-faith, which in turn alters and conditions behavior. The altered and interactionally evolved behavior then alters and conditions the brain states. Many scientists believe, this idea, which they call *Plasticity*, is the

most unique feature of brain, especially human brain. Plasticity means changes in brain structures and functions, subject to changes in external milieu. Plasticity is in fact the most powerful tool to optimize survival wellness in all higher organisms, especially humans. This however, is not the ultimate uniqueness of human brain.

This uniqueness of human brain, which we are talking about, is something, modern scientists are just beginning to unravel and it is still in infant stage. This idea of uniqueness comes from the modern breakthroughs in the field of theoretical physics, molecular biology and artificial intelligence. This uniqueness is about the *Complexity of Information*, the human brain states have evolved to handle and process. This aspect of complexities of human brain's information processing capabilities is hugely tough to understand as it relates to a very non-intuitive domain of understanding of quantum mechanics and multidimensionality of string theory. This understanding is very nascent and still evolving. What we can understand in simple terms is that human brain's uniqueness emanates out of its **Complexities** at two different levels – first, complexities of the human brain's structural make up, as it evolved over millions of years and secondly the complexities of functional information plexuses it processes in constant interactions with a unique human milieu of hugely complex society-culture-polity-faith. Together, they make human brain a marvel of the universe.

Never before, in human history of civilization and culture, humanity could understand its own brain, as it can do now. This very understanding of human brain; its structural complexities and functional multidimensionality has brought to the fore, this very critical realization that not only functionally but also structurally, there is huge difference between what is popularly accepted as *Intelligence* and what humanity has so far perceived and accepted the *Intellect* as. This very realization and its very scientific

basis is a huge accrual to modern humanity. It has deeper and lateral manifestations in how humanity accepts reality and how it goes about its life-living agenda in society-culture-polity-economy-faith landscapes.

This very hypothesis now clearly defines what humanity must accept Intellect as. In the light of modern, contemporary, objective and measurable scientific knowledge of reality; especially human reality of its body-brain; it is now possible to have a singular and very appropriate meaning, role and purpose of human Intellect.

*Now we can probably say with reasonable definitiveness as what is **Intellect**, whether larger humanity is aligned and equipped with it or not and whether this intellect has failed humanity or not.*

In contemporary scientific idealism; Intellect is a landscape of higher awareness, which is made possible because of a specific neural process of information processing in the brain states. This higher awareness, which is engendered out of the massive complexities, functional multidimensionality and processing scale-speed of brain states; is the pinnacle of Consciousness and Cognition. This awareness, also called Higher Consciousness, is capable of understanding the universe of Causalities, which are continuously happening and evolving within internal milieu of body as well as the external milieus of society-culture. Intellect is, therefore, the *Emergent Specificity* of intelligent processes of brain states as they culminate and evolve out of the complex information processing of neural plexuses within brain universe.

In simple and assimilative term – Intellect is the state of highly aware personhood; enabling him or her to witness and internalize complex and multidimensional processes, which create *Causalities of Intentionality*. This awareness catapults individuality to witness the spectacle of all processes

within body as well as in external milieus. This intellectual awareness stands the Self or sense of personal agency of a man or woman to feel, sense out, recognize, organize and manage different dimensions of realities in life-living landscapes. This Intellect aligns a person's awareness to the very critical idea-idealism of *Holism*. This intellect then facilitates the potential of a person to become an objective and compassionate Judge of righteousness and appropriateness of all roles, purposes and intentionality.

This Intellect has a collective intentionality. Equal and symmetrical *Media* of Higher Consciousnesses automatically aligns and assimilates with each other. Individual Intellect assimilates into the holism of collective Intellect. This collective Intellect of humanity has its role and purpose charted out. The collective intellect understands that the very basic and singular condition for evolution, prevalence and sustenance of Intellect in every human being is the sanity-system-symmetry-synchrony-harmony-equitability of the external milieus of society-culture-polity-economy-faith. It is a scientific fact that Intellect is an emergence out of the complexities of human brain. But; this emergence is like a two-edged sword. If this emergence happens in sanity-system-symmetry-synchrony-harmony-equitability of the external milieus of society-culture-polity-economy-faith, it breeds the awareness of love, compassion, fraternity and harmony. If this emergence happens in vitiated, depraved and disharmonious milieus; it breeds criminality, depravity and cacophony. Therefore, collective Intellect has this singular role and purpose to ensure brilliance, harmony and sanity of external milieus. This ensures emergence and spread of true and right intellect in every human being.

Higher Consciousness is where evolved and settled human elements of thoughtfulness and rationality present themselves as frontline Intentionality. The higher consciousness is not entrenched and wired intentionality; it is an

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