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THE CRYSTAL UNIVERSE?... (A New theory on "Atom and element")

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Abstract: - A Scientific research in this article focus that the "Material Universe" which accommodates Various Planets, Comets, Asteroids, life organisms shall be considered as "SINGLE CRYSTAL HOUSE" deriving soul from "WHITE ELEMENT" (or) "WHITE IONS" and free from "ATOM". It is focused that "BLACK CRYSTAL" shall be considered as the absolutely perfect body exist in the early Universe and material Universe shall be considered as the integral part of black crystal.

It is further focused that Billions of billions various matters having different "Molecular Structure" evolved in "Three Nuclear Age" due to impact of "Fission", "Fusion" action shall be considered arranged, within the Single crystal house in "three dimensional pattern say horizontal, vertical and lateral layers under three domain.

This research further focus that the entire Universal matters pertain to various "genus and species" shall be considered derived from fundamental "WHITE ELEMENT". In proto Indo Europe Language the white cell shall also be called as "THEE". THEE shall also mean the fundamental white matter made of "White element" formed near "White Hole" region of universe exist under "Endothermic reaction" environment in the early universe.

- "ATOM" is like "SEED" i. ELEMENT is like "TREE"
- ii. ATOM is like "SPECIES" ELEMENT is like "GENUS"
- iii. ATOM is like "EXOTHERMIC" **ELEMENT** is like "ENDOTHERMIC"
- iv. ATOM is like byproduct of "FUSION" **ELEMENT** is like byproduct of "FISSION" v. ATOM is like "BABY"
- **ELEMENT** is like "INFANT"

-Author

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Key Words: -	
a)Philosophy of "Black crystal"	g)Philosophy of Crystal planet
b)Philosophy of "White crystal"	h)Philosophy of Crystal comet
c) Philosophy of White cell	i) Philosophy of Crystal ions
d)Chemical symbol of White crystal	j) Philosophy of Crystal family
e) Molecular symbol of White crystal	k) Philosophy of Crystal star
f) Philosophy of Crystal Nucleus	l) New definition for Atom and Element model

I. INTRODUCTION

Scientific study shows that currently there are about **118** identified elements and arranged in order based on Valence and Nucleus mass in periodic Table.

Current theory focus that "**ATOM**" is made up of subatomic particles and atoms can be "**split**" into particles. Where as "**ELEMENT**" is considered as basic substance which can't be simplified further. In other words the smallest unit of element is considered as made of single Atom. If so what is the exact difference between "**ATOM**" and "**ELEMENT**"?... can we say "Atom" is the smallest unit of Element?... Then how can be a scientific explanation that Element can't be simplified when Atom could be further split into sub atomic particles?...

It is focused that the global level scientists still could not exactly clarify for the following.

- 1. What Element is made up?...
- 2. How exactly Atom differs from Element?...
- 3. How exactly Atom differs from Cell?...
- 4. What is the source of Element and Cell?...

It is emphasized that "**Element**" shall be considered as the "**Natural Product**" derived from the source of "**WHITE CELL**". The philosophy of **white hole region**, white crystal formation, "Atom" and "Tissue cell" formation stage shall be described below.



"The formation of various atoms right from Hydrogen, Carbon, Nitrogen, ozone to heavy weight thorium, Uranium, Biological Tissue cell shall be considered as species matters derived from "White crystal cell".

-Author

II. HYPOTHESIS AND NARRATION

a) Philosophy of "Black Crystal"?...

Case study shows that the universe is believed to have been formed **13.7 billion years** ago from molecular cloud of star dust particles supported by "**Big Bang theory**". The big bang theory is based on cosmological principal which states that the Universe is homogeneous.

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If so...

- i) What does mean molecular star dust cloud?...
- ii) What does mean star dust?...
- iii) Where did the Energy come from for driving force?...

It is hypothesized that "BLACK CRYSTAL" shall be considered as the source of Energy exist under "Super Endothermic" environment having infinity level of "ENTHALPY" and Zero level of "ENTROPY". The black crystal shall also be called in Proto Indo Europe language "AKKI-e". Akki-e shall mean "DARK FROZEN FLAME". The philosophy of black crystal shall be represented with "Logo" as below:



It is further focused that during the course of time (called as Expanding universe) the Black crystal undergoes "**Growth**" due to slow change in environment condition. During the Growth of black crystal billions of dark cells shall be considered evolved which are responsible for formation of various species to fundamental dark crystal. The so called "**BLACK BODY**" stipulated in modern astrophysics shall be considered as species to fundamental black crystal.

b) Philosophy of structure of "Black crystal"?...

The black crystal must have definite structure?... If so what is the structure?

It is hypothesized that the Black crystal shall be considered like a closed "**TRIPOD**" like structure concentrically connected to a 'knot' called "**Dark soul**" (or) "**Spirit**". The "**Plane**" of black crystal shall be considered as integral part of "**Dark Sun**", "**Dark Earth**", "**Dark Moon**" as described below:



c) Philosophy of "Dark cell"?...

It is hypothesized that during the course of "**cell growth**" billions of dark cell particulars shall be considered formed in different layers with defined "**crystalline structure**". In proto Indo Europe language the dark particulars shall be called as "KARI THIRI". **Kari thiri** (Akkie) shall mean Dark Radiation. The "**Akkie particles**" shall be understood in modern Astrophysics as "**Anti-neutrinos**", "**Neutrinos**".

The philosophy of "Kari thiri" composed of billions of sub particles under "three domain" shall be called as "Dark cell".

The philosophy of Dark cell shall be called modern scientific term as "SUPERNATURE" and the source of Energy for formation of "molecular star dust" cloud described n "Big Bang Model theory". Further the entire Dark cells shall be considered as under the strong "Gravitational Force" of "Dark soul". It is further focused that the "Dark cell" shall be considered as exist under "Strong Endo thermic" environment and absolutely free from "Hydrogen", Carbon" "Nitrogen", "Ozone" which shall be considered as "1st generation" "natural atoms".

d) Philosophy of "Accretion"?...

Case study shows that the philosophy of word Accretion has wider meaning in Biology, Astronomy and Finance Management. In general Accretion refers to the growth or increase by gradual accumulation of additional layers or matters. In biological term accretion refers to "**Biological Fission**" that the coming together and cohesion of matters under in fluency of "**gravitation**" to form larger bodies. The Accretion increased the "**Mass**" of the matter under influence of "**gravity**". In Astronomy Accretion refers to an increase in the mass of celestial object by the collection of interstellar gases and objects by gratify.

It is hypothesized that the "Accretion" shall be considered as just like "ignition" which begins "Chain reaction" of Dark cell of "Black Crystal" to become "White cells" consists of Higher mass of "White cells". In other words Accretion shall be considered as the stage of "Super nature Fission" to become the stage of White Crystal under "Downward gravity" which exists under lower level of Endothermic environment compared to Dark cells (Akkie particles) exist under still higher endothermic environment.

The philosophy of "Super nature Fission" shall be described as below:



In Biological view the super nature fission shall be viewed like the stage of becoming "**Zygote**" from "**Embryo**" and ultimately becoming "**INFANT**" (White crystal) in three stage of Trimester. In Astronomy it shall be referred to the stage of becoming "**Anti-neutrinos**" from Dark crystal cell" and ultimately becoming "**Neutrinos**" (White crystal) in three stages of "**Proto Nuclear evolution**". Further the stage of "Neutrino Radiation" also called as "**J-RADIATION**" exist under "Zero" (or) low "Entropy" compared to the stage of "**Electromagnetic Radiation**" (EMR) exist under still "higher level of Entropy" compared to "J-Radiation" (Zero Entropy).

"The "J-Radiation" shall be considered like "Dawn of morning Light" from "Dark light" (Akkie) comprised of Billions of "Crystalline rays" consists of fundamental particles white photon, white electron, white proton. The J-Radiation shall also be called as "White spectrum" (called in Proto Indo Europe language Mukil).

e) Philosophy of White cell?...

It is hypothesized that the smallest unit of crystalline ray shall be called as "White cell" (zero mass). the white crystal comprise of billions of white rays under three fundamental domain shall also be called as white matter.



f) Philosophy of white star?...

It is hypothesized that the source of "**Light**" shall be considered as "**White star**". In astronomical term the white star shall be considered as "**MARS PLANET**" (White hole region). The Sun, Earth, Moon shall be considered as three domain of "**White ions**" (crystal ions) as described below:

i) "Mars" is white star (white element)

- ii) "**Sun**" is "White photon" (Neutral ion)
- iii) "Earth" is like "White Electron" (Anion)
- iv) "Moon" is like "White proton" (Cation)



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It is hypothesized that MARS planet shall be considered as star rather than planet and shall be called as "**mother of stars**". Further in the expanding Universe different species stars shall be considered evolved which led to three fundamental galaxies as described below:

- i) Blue galaxy (composed of blue MARS, blue SUN, blue EARTH, blue MOON)
- ii) Green galaxy (composed of green MARS, green SUN, green EARTH, green MOON)
- iii) Red galaxy (composed of Red MARS, Red SUN, Red EARTH, Red MOON)
- iv) Current Red galaxy (composed of Brown MARS, Brown SUN, Brown EARTH, Brown MOON)

"The "White star" shall also be called as mega star of "Milky Universe" contain 'infinity level" of "white energy". The mega star shall also be called as "J-SOLAR" surrounded by SUN, EARTH, MOON"

g) Philosophy of origin of ATOM?...

It is hypothesized that during the 'expanding universe" the "White crystal" undergoes "Plasma stage" and become "ATOM" and "higher mass white energy". Alternatively the plasma stage shall be considered like "Fission of white crystal" and produces Atom and higher mass white energy. The white energy produced considered made "chain Reaction" for production of various species crystals called "Blue Crystal", "Green Crystal" "Red Crystal" in three nuclear age and produced three generations of crystal matters.



(ATOM)

It is focused that various comets, asteroids, meteorites shall be considered as species of three generation plasma crystals and various planets, matters shall be considered as the species of three generations Blue, Green, Red crystals. The three crystal universe shall also be considered as "three galaxies" classified under three families of γ , β , α emitting UV RF, IR radiations in the respective regions of "Crystal Universe". It is focused that UV, RF, IR regions shall be considered existing in different "EXOTHERMIC REACTION" environment i.e. UV is at lower exothermic, RF at moderate exothermic, IR at higher exothermic.

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3G GALAXY

"The 'ATOM' shall be considered as exist under Exothermic reaction environment with higher level entropy compared to "ELEMENT" (white crystal) exist under Endo thermic reaction with Zero level Entropy" ... Author

h) Philosophy of white Hydrogen?...

It is hypothesized that "white hydrogen" shall be considered as "Plasma stage" of "White crystal" or semi element under transformation. In Biological term it shall be considered as "prokaryotes" and "Hydrogen Isotopes" shall be considered as "Eukaryotes" and other Biological cell like "Stem cell". It is focused that all

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kinds of cells shall be considered as evolved from 'White energy' formed during "Fission of white crystal". Similarly all matters shall be considered evolved from "White hydrogen" "Blue hydrogen", "Green hydrogen", "Red Hydrogen" under fundamental three domain of atoms "Carbon", "Nitrogen", "Ozone" in three "CNO CYCLE AGE".

i) Philosophy of three energy level?...

It is hypothesized that the matters produced in "**three different region of galaxies**" shall be considered having different energy level due to impact of varied Exdo, Exothermic reaction level and Enthalphy Entropy level based on characteristics of varied pressure, density, temperature – equilibrium level of matters with different level of Reflectivity, permittivity, permeability under three environment of **UV**, **RF**, **IR**.

i) White Galaxy	- Infinity level (J-Radiation)
ii) Plasma Galaxy_	Say 90% level (White energy)
iii) Blue Galaxy	_ Say 70% level (Blue Energy)
iv) Green Galaxy	_ Say 50% level (Green Energy)
v) Red Galaxy	_ Say 40% level (Red Energy)
vi) Current Red Galaxy-	Say 30% level (Brown Energy)

It is focused that the varied energy level from higher level to lower level shall be considered due to slow and consistent changes from endothermic reaction environment to exothermic reaction environment.

j) Philosophy of Element and Atom?...

- i) Hydrogen is Element?...
- ii) Carbon is Element?...

iii) Nitrogen is Element?...

iv) Ozone is Element?...

v) Uranium is Element?...

No... No... No...

The philosophy of Element shall be considered as composed of only ions of photon, electron, proton billions of elements shall be considered derived from "White crystal" and exists under three domain. Atom, higher mass tissue cells considered descended from "White Element" (White crystal).

The Uranium Gold, Platinum, Indium shall be considered as "atoms" derived from three domain of fundamental atoms, "CARBON, NITROGEN, OZONE".

k) Philosophy of CRYSTAL STAR?...

The philosophy of "**crystal star**" (White star) shall be considered as "**mother**" of crystal elements and atoms undergoes "**Fission**" and "**Fusion**" to produce billions of matters in the material universe. In proto Indo Europe language "**Crystal Star**" shall be called as "**THAI-e**". Further fission and fusion shall be called in Proto-Indo-Europe language as **THIRI, ERI**.



THAI-e (Crystal Star)

l) New definition for Atom and Element model?...

It is focused that the Philosophy of element and atom having in built energy and having genetically opposite in characteristics. It is focused that various cell, atom shall be considered as produced due to systematic action of decay, annihilation of element, atom.

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- i) Dark Cell -> White Cell + white Energy (J-Radiation)
- ii) White Cell -> Element + Energy (Hydrogen plasma)
- iii) Element -> Atom + Energy (Electromagnetic Radiation)
- iv) Atom -> Atom isotope + Energy (γ , β , α)



(J-SOLAR)





(iii)



m) New Definition for Energy Model?...

Case study shows that "Matter" is considered as substance having mass and occupies the space. Similarly Energy is considered as something which does work. If so how exactly "Matter" differs from "Energy".

- i. Energy has any structure as Matter?...
- ii. Energy has any Nuclei?...
- iii. Energy possess any atoms?...

It is hypothesized that "Energy" shall be considered as integral par of "Cell" and "Atom" and acts a "SHIELD". As such a "Cell" covered with "Shield" shall be called as "Tissue matter" and "Atom" covered with shield shall be called as "Atomic matter". The Energy acts as shield shall be considered as composed of fundamental THREE-IN-ONE "Energy parameters" "OPTIC", "ELECTRONIC", "MAGNETIC". As such the Philosophy of "Energy" shall be modeled as below. Further the least unit of energy mass shall be called as "FUEL CELL".





It is focused that the optic, Electric, Magnetic parameter of Energy considered having definite structure (varied angular displacement from 180° to 0° with respect to vertical axis either with upward or downward gravity). The "**J-RADIATION**" shall be considered as having 90° displacement with respect to vertical axis (Near white hole region of the Universe).

It is further focused that the whole universe is considered composed of Billions of various energy exist under "**three domain**" of optic, Electric, Magnetic parameters with varied angular displacement in three nuclear age influenced by downward gravity.

i. J-Radiation - Angular displacement of "90" with respect to vertical axis under neutral gravity ii. 1^{st} generation Energy - Angular displacement of "120" (γ family) with respect to vertical axis under downward gravity.

iii. 2^{nd} generation Energy- Angular displacement of "150°" (β family) with respect to vertical axis under downward gravity

iv. 3^{rd} generation Energy- Angular displacement of "160°" (α family) tending towards 180° with respect to vertical axis under downward gravity

n) Human is element (or) Atom?...

It is hypothesized that human cell shall be considered as "**ATOM**" covered with "**Energy shield**". Human shall be considered as the "**excited stage**" of "**Element**".

The "Energy shield" of human shall be considered as "HUMAN SOUL" concerned with the "HEART BEAT" of Human. In other words the "ENERGY SHIELD" of human shall be considered as the source of Human heart beat. The Philosophy of human soul shall be described as below.



o) Case study on Gibbs Contribution?...

Case study shows that JOSIAH WILLARD GIBBS (February 11, 1839 – April 28, 1903), American scientist, who made important theoretical contribution to physics, chemistry, mathematics.



(Josiah Willard Gibbs)

His work on application of thermodynamics was instrumental in transforming physical chemistry into rigorous detective science. Further his research contribution to Nuclear Area, shall be considered as fundamental base for understanding about nuclear behavior of universe. **Albert Einstein** called him as "**Great mind of America**".

p) Case study on crystal?...

Case study shows that crystal is considered as a piece of Homogenous solid substance having a natural geometrically regular form with systematically arranged faces. In biological term crystal shall mean having "**common descendent**". Further case study show that "**crystal growth**" is a solid material whose constituent atoms, molecules or ions are arranged in an orderly repeating pattern in all three spatial dimensions.

q) Case study on Timeline of Crystal:

- i) 1896 Uranium gives of unknown radiation
- ii) 1896 Thorium gives off similar radiation (Marie Curie)

iii) 1905 - Albert Einstein formulates special theory of Relativity which explains the phenomenon of radioactivity as "Mass Energy" equivalence

- iv) 1932 Discovery of Neutron
- v) 1932 Nuclear Fission experiment with radiochemical.
- vi) 1942 First Self sustaining Nuclear Chain reaction
- vii) 1952 First Hydrogen Bomb Test
- ix) 1954 First Nuclear Power plant began in USSR.

Atomic Energy is not simply a search for new energy but more significantly a beginning of human history in which faith in knowledge can vitalize man's whole life.

-David Lilienthal (1949)

III. CONCLUSION

The philosophy of **white crystal** shall be considered liked a "**Global Parliament**". The members of the house shall be considered as existing like **atoms** within the house for creating useful action of **FISSION**, **FUSION** for betterment of mankind and for creating **PEACE**.

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- i) Rajya Saba is like "Common Sense" (Proton)
- ii) Lok Saba is like "Intelligence" (Electron)
- iii) Supreme Court is like "Wisdom" (Photon)
- iv) White Crystal is like "President" (Element)

IV. PREVIOUS PUBLICATION

The philosophy of origin of first life and human, the philosophy of model Cosmo Universe, the philosophy of fundamental neutrino particles have already been published in various international journals mentioned below. Hence this article shall be considered as **extended version** of the previous articles already published by the same author.

- [1] Cosmo Super Star IJSRP, April issue, 2013
- [2] Super Scientist of Climate control IJSER, May issue, 2013
- [3] AKKIE MARS CODE IJSER, June issue, 2013
- [4] KARITHIRI (Dark flame) The Centromere of Cosmo Universe IJIRD, May issue, 2013
- [5] MA-AYYAN of MARS IJIRD, June issue, 2013
- [6] MARS TRIBE IJSER, June issue, 2013
- [7] MARS MATHEMATICS IJERD, June issue, 2013
- [8] MARS (EZHEM) The mother of All Planets IJSER, June issue, 2013
- [9] The Mystery of Crop Circle IJOART, May issue, 2013
- [10] Origin of First Language IJIRD, June issue, 2013
- [11] MARS TRISOMY HUMAN IJOART, June issue, 2013
- [12] MARS ANGEL IJSTR, June issue, 2013
- [13] Three principles of Akkie Management (AJIBM, August issue, 2013)
- [14] Prehistoric Triphthong Alphabet (IJIRD, July issue, 2013)
- [15] Prehistoric Akkie Music (IJST, July issue, 2013)
- [16] Barack Obama is Tamil Based Indian? (IJSER, August issue, 2013)
- [17] Philosophy of MARS Radiation (IJSER, August 2013)
- [18] Etymology of word "J" (IJSER, September 2013)
- [19] NOAH is Dravidian? (IJOART, August 2013)
- [20] Philosophy of Dark Cell (Soul)? (IJSER, September 2013)
- [21] Darwin Sir is Wrong?! (IJSER, October issue, 2013)
- [22] Prehistoric Pyramids are RF Antenna?!... (IJSER, October issue, 2013)
- [23] HUMAN IS A ROAM FREE CELL PHONE?!... (IJIRD, September issue, 2013)
- [24] NEUTRINOS EXIST IN EARTH ATMOSPHERE?!... (IJERD, October issue, 2013)
- [25] EARLY UNIVERSE WAS HIGHLY FROZEN?!... (IJOART, October issue, 2013)
- [26] UNIVERSE IS LIKE SPACE SHIP?!... (AJER, October issue, 2013)
- [27] ANCIENT EGYPT IS DRAVIDA NAD?!... (IJSER, November issue, 2013)
- [28] ROSETTA STONE IS PREHISTORIC "THAMEE STONE" ?!... (IJSER, November issue, 2013)
- [29] The Supernatural "CNO" HUMAN?... (IJOART, December issue, 2013)
- [30] 3G HUMAN ANCESTOR?... (AJER, December issue, 2013)
- [31] 3G Evolution?... (IJIRD, December issue, 2013)
- [32] God Created Human?... (IJERD, December issue, 2013)
- [33] Prehistoric "J" Element?... (IJSER, January issue, 2014)

- [34] 3G Mobile phone Induces Cancer?... (IJERD, December issue, 2013)
- [35] "J" Shall Mean "JOULE"?... (IRJES, December issue, 2013)
- [36] "J"- HOUSE IS A HEAVEN?... (IJIRD, January issue, 2014)
- [37] The Supersonic JET FLIGHT-2014?... (IJSER, January issue, 2014)
- [38] "J"-RADIATION IS MOTHER OF HYDROGEN?... (AJER, January issue, 2014)
- [39] PEACE BEGINS WITH "J"?... (IJERD, January issue, 2014)
- [40] THE VIRGIN LIGHT?... (IJCRAR, January issue 2014)
- [41] THE VEILED MOTHER?... (IJERD, January issue 2014)
- [42] GOD HAS NO LUNGS?... (IJERD, February issue 2014)
- [43] Matters are made of Light or Atom?!... (IJERD, February issue 2014)
- [44] THE NUCLEAR "MUKKULAM"?... (IJSER, February issue 2014)
- [45] WHITE REVOLUTION 2014-15?... (IJERD, February issue 2014)
- [46] STAR TWINKLES!?... (IJERD, March issue 2014)
- [47] "E-LANKA" THE TAMIL CONTINENT?... (IJERD, March issue 2014)
- [48] HELLO NAMESTE?... (IJSER, March issue 2014)
- [49] MOTHERHOOD MEANS DELIVERING CHILD?... (AJER, March issue 2014)
- [50] E–ACHI, IAS?... (AJER, March issue 2014)
- [51] THE ALTERNATIVE MEDICINE?... (AJER, April issue 2014)
- [52] GANJA IS ILLEGAL PLANT?... (IJERD, April issue 2014)
- [53] THE ENDOS?... (IJERD, April issue 2014)
- [54] THE "TRI-TRONIC" UNIVERSE?... (AJER, May issue 2014)
- [55] Varied Plasma Level have impact on "GENETIC VALUE"?... (AJER, May issue 2014)
- [56] JALLIKATTU IS DRAVIDIAN VETERAN SPORT?... (AJER, May issue 2014)
- [57] Human Equivalent of Cosmo?... (IJSER, May issue 2014)
- [58] THAI-e ETHIA!... (AJER, May issue 2014)
- [59] THE PHILOSOPHY OF "DALIT"?... (AJER, June issue 2014)
- [60] THE IMPACT OF HIGHER QUALIFICATION?... (AJER, June issue 2014)

REFERENCE

- [1] Intensive Internet "e-book" study through, Google search and wikipedia
- [2] M.Arulmani, "3G Akkanna Man", Annai Publications, Cholapuram, 2011
- [3] M. Arulmani; V.R. Hemalatha, "Tamil the Law of Universe", Annai Publications, Cholapuram, 2012
- [4] Harold Koontz, Heinz Weihriah, "Essentials of management", Tata McGraw-Hill publications, 2005
- [5] M. Arulmani; V.R. Hemalatha, "First Music and First Music Alphabet", Annai Publications, Cholapuram, 2012
- [6] King James Version, "Holy Bible"
- [7] S.A. Perumal, "Human Evolution History"
- [8] "English Dictionary", Oxford Publications
- [9] Sho. Devaneyapavanar, "Tamil first mother language", Chennai, 2009
- [10] Tamilannal, "Tholkoppiar", Chennai, 2007
- [11] "Tamil to English Dictionary", Suravin Publication, 2009
- [12] "Text Material for E5 to E6 upgradaton", BSNL Publication, 2012
- [13] A. Nakkiran, "Dravidian mother", Chennai, 2007
- [14] Dr. M. Karunanidhi, "Thirukkural Translation", 2010
- [15] "Manorama Tell me why periodicals", M.M. Publication Ltd., Kottayam, 2009
- [16] V.R. Hemalatha, "A Global level peace tourism to Veilankanni", Annai Publications, Cholapuram, 2007
- [17] Prof. Ganapathi Pillai, "Sri Lankan Tamil History", 2004
- [18] Dr. K.K. Pillai, "South Indian History", 2006
- [19] M. Varadharajan, "Language History", Chennai, 2009
- [20] Fr. Y.S. Yagoo, "Western Sun", 2008
- [21] Gopal Chettiar, "Adi Dravidian Origin History", 2004
- [22] M. Arulmani; V.R. Hemalatha, "Ezhem Nadu My Dream" (2 Parts), Annai Publications, Cholapuram, 2010
- [23] M. Arulmani; V.R. Hemalatha, "The Super Scientist of Climate Control", Annai Publications, Cholapuram, 2013, pp 1-3

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