

## Galaxy, Black hole and Pumping hole (new name)

Only new understandings (discoveries) over the galaxy, black hole and pumping hole have been stated below in short on the basis of new discovered true working mechanism of solar system based over new understood (discovered) materialistic particle properties of the rays.

*If Discoverer Ramesh Varma (India) had been academic qualified PhD scientist (not citizen scientist); discovery claim instead of being an advertisement, would have appeared in all Science Journals as publication resulting to make it viral among the concerned. (Mode of new discovery information set by the Academic World is a curse on the mankind).*

*Scientists have not yet correctly understood formation and working mechanism of the solar system then how can they understand correctly formation and working mechanism of the celestial bodies which are thousands of light years away from us. (Discovery claimer Ramesh Varma has already challenged the World to prove his discovery claim wrong over working mechanism of solar system based over understood materialistic particle properties of the rays). In case they cannot prove it wrong then they must accept the discovery claim.*

**Galaxy:** Rotation of the galaxy is not due to any angular momentum but it is by the materialistic spherical particles curved rays of the cluster of massive stars along with their star's ejects which form the galactic bar.

Invisible matter noticed by the Scientists in a galaxy is not the dark matter but it is the white matter in the form of materialistic particles rays and other star-ejects generated and released by the stars and other celestial objects of the galaxy by losing their mass.

**Black hole:** Maximum mass a black hole can have that depends upon the pressure of the white matter over it. A Black hole kept on gaining mass from the surrounding space whereas pressure over it by the white matter which surrounds it kept on decreasing due to the outward expansion of the Universe. Both the stated factors create a climax (critical stage) when black hole explodes.

Formation of one bigger black hole from two nearby black holes by merging one to another increases gravity (or sucking power to suck surrounding matter or white matter). Stated phenomenon creates rarefaction shell in the white matter medium over the newly formed bigger black hole resulting to trigger formation of compressions and rarefactions in the space occupied by the white matter. Stated phenomenon is similar to compressions and rarefactions created in the air medium by the impact and collision between the two objects. Recently Scientists have claimed that they have detected gravitational waves created by the merging of two black holes; it must be the compressions and rarefactions and not the gravitational waves. (Scientists while showing merging of two black holes in their artistic creation in a magazine have shown their rotation direction in the opposite whereas two nearby or binary black holes can never rotate in the opposite directions.)

Young, active and massive galaxy does not have at its centre single or twin (binary) black hole(s) but understood black hole(s) by the Scientists in fact is the pumping hole(s) having similar features of the black hole.

**Pumping hole:** Young, massive and active galaxy has pumping hole at its centre created by the cluster of massive stars by pumping their outgoing generated materialistic particles curved rays along with other star ejects. A galaxy can have twin pumping holes close to each other due to their repulsion to each other by their materialistic particles curved rays but binary black holes cannot exist close to each other due to their attraction to each other.

Physical features notices from distance by the telescope or by any other means of the dense pumping hole and that of the black hole are almost the same. Black hole develops by its own gravity due to sucking/pulling/attraction of space matter from the surrounding whereas pumping hole is created at the centre by the cluster of massive stars by pumping their generated white matter and their star eject. Both (pumping hole and black hole) ejects jets from their Poles but ejected white matter differs.

**Much more is over the website;** read in detail the discovery claim 'MATERIALISTIC UNIVERSE' on website: [www.newtonugeam.com](http://www.newtonugeam.com)