

## Universal Theory of Seven Colors of Light:

**Abstract:** In this theory I will explain why the white light consists of seven colors in detail and why the white light splits into seven colors after passing through a prism or spectrometer. I will explain how the prism or spectrometer splits white light into seven colors in detail.

**Keywords:** Sunlight, Sun's corona, seven colors, prism, spectrometer.

**Introduction:** In this theory I will explain why white light splits into seven colors after passing through a prism or spectrometer and how and what is the exact phenomenon for this splitting of white light into seven colors. Newton told that sunlight consists of seven colors but he did not explain why this white light consists of seven colors. So the explanation for seven colors of light and how light splits into seven colors is special in this theory. Before to explain why the white light (Sunlight) consists of seven colors; I will explain you why the Sun's corona is million degrees hotter than the Sun's surface and how mass converts into energy square times the speed of light and how before the birth of the Sun's corona in fact the Sun, the mass of rust iron converted into energy square times the speed of light and also how this mass energy conversion made the Sun's corona million degrees hotter than the Sun's surface; because all these are somewhat related. I will explain most importantly why the Sunlight is white or why the color of Sunlight is white.

1. How mass converts into energy square times the speed of light and why the color of Sunlight is white!

**Explanation:** The mass converts into energy square times the speed of light because of due to the strong binding energy and I don't know why the binding energy exists. However I will explain accurately why the Sunlight is white and why the Sunlight consists of seven colors. The Sun's corona is million degrees hotter and it is white in color and the light that we receive comes from the Sun's corona and not from the Sun's core. The Sun's core is just an engine and it generates heat and this heat not reaches the Earth instead it maintains constant corona temperature (million degrees hotter). The actual heat comes from the corona and the corona maintains constant temperature due to the Sun's core. The Sun's core is just the source of power

to generate heat however it maintains constant coronal temperature. The light comes from the Sun's corona hence the Sunlight is white in color even though the Sun's core is pink in color. At the center of the core nuclear reaction is taking place but the heat generated at the center transfers to the Sun's corona and the Sun's corona maintains constant million degrees hotter temperature. Hence the Sun's corona is white in color and hence the Sunlight is white, it is 100% true.

## 2. Why the white light consists of seven colors?

Explanation: The Sun's corona is born because of nuclear reaction of rust iron at a time by the birth of the Sun means that the Sun's corona is born at a time and the Sun born at a time; they not born separately. The Sunlight consists of seven colors because of Sun's corona because the light that we receive from the Sun's corona consists of invisible and weightless hot black carbon powder associated or carbon alike rust iron particles and hence the Sunlight consists of seven colors.

## 3. Why the light splits into seven colors when passed through a prism or spectrometer?

Figure: How the Prism splits white light into seven colors.



Explanation: The white light splits into seven colors when passed through a prism or spectrometer because when white light passed through a prism or spectrometer the light passes through the prism or spectrometer by crossing and mutually hitting the hot rust iron particles at

certain points or at the surface of all the rust iron particles that are there in the white light. Due to this crashing, the white light enters into the hot rust iron particles and the white light burns in presence of rust and it produces seven colors of light. When white light burns in the presence of hot rust iron particles; mutual absorption of white light takes place by all the hot rust iron particles because rust iron particles contain small content of carbon or black carbon and when white light comes out by burning in presence of hot rust iron particles it contains or it is involved different wavelengths of light and hence the white light splits into seven colors. Hence we see different colors of light when white light is passed through a prism or spectrometer. You may have observed stove; sometimes when the stove burner becomes very rust it produces different colors (blue and red) and the same process is going on in the Sunlight when light passes through a prism or spectrometer.

#### References:

1. Newton demonstrated seven colors of light in the year 1660.
2. In December 1900 and January 1901 Max Planck published black body radiation papers.